

# List of Sessions by Theme and Day

All posters will be presented in McCormick Place, Hall A. All lecture, symposium, minisymposium, and nanosymposium rooms are in McCormick Place. Note: Theme H Posters will be on display in Hall A beginning at 1 p.m. on Saturday, Oct. 17, and will remain posted until 5 p.m. on Sunday, Oct. 18. One-hour presentation times will occur either Saturday afternoon or Sunday morning.

## Theme Descriptions

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|---|--|--|
| <b>A</b> Development  | <b>D</b> Sensory and Motor Systems   | <b>F</b> Cognition and Behavior  |
| <b>B</b> Neural Excitability, Synapses, and Glia: Cellular Mechanisms | <b>E</b> Integrative Systems: Neuroendocrinology, Neuroimmunology, and Homeostatic Challenge | <b>G</b> Novel Methods and Technology Development                                  |
| <b>C</b> Disorders of the Nervous System                              |  | <b>H</b> History, Teaching, Public Awareness, and Societal Impacts in Neuroscience |

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
<b>Featured Lectures</b>							
9	Themes and Variations in Circuits and Behavior	Presidential Special Lecture		Hall B1	17 Sat	5:15–6:25 p.m.	1.25
191	Nature and Nurture in Synapse Development, Maturation, and Disease	Peter and Patricia Gruber Lecture		Hall B1	18 Sun	2:30–3:40 p.m.	
192	The Molecular Logic of Neural Circuits: Implications for Autism and Schizophrenia	Presidential Special Lecture		Hall B1	18 Sun	5:15–6:25 p.m.	1.25
277	Giving Voice to Consciousness: Neuroethics, Human Rights, and the Indispensability of Neuroscience	David Kopf Lecture on Neuroethics		Hall B1	19 Mon	10–11:10 a.m.	
366	Receptors, Neurons, and Circuits: The Biology of Mammalian Taste	Albert and Ellen Grass Lecture		Hall B1	19 Mon	3:15–4:25 p.m.	1.25
367	Immune Mechanisms of Synapse Loss in Health and Disease	Presidential Special Lecture		Hall B1	19 Mon	5:15–6:25 p.m.	1.25
552	100 Years of Stress and the Hypothalamic, Pituitary, Adrenal Axis	Fred Kavli History of Neuroscience Lecture		Hall B1	20 Tues	2:30–3:40 p.m.	
553	Embracing an Era of Unprecedented Advances in Neuroscience	Special Presentation		Hall B1	20 Tues	4–5 p.m.	
554	Grid Cells and Cortical Maps for Space	Presidential Special Lecture		Hall B1	20 Tues	5:15–6:25 p.m.	1.25
<b>Theme A: Development</b>							
10	Postnatal Neurogenesis	Nanosymposium		N426A	17 Sat	1–4:30 p.m.	
28	Neurogenesis and Gliogenesis: Lineage and Cell Fate	Poster	A1-A14	Hall A	17 Sat	1–5 p.m.	
29	Axon Growth and Guidance: Extrinsic Mechanisms	Poster	A15-A32	Hall A	17 Sat	1–5 p.m.	
30	Activity-Dependent Neural Circuit Development and Plasticity	Poster	A33-A47	Hall A	17 Sat	1–5 p.m.	
31	Transplantation and Regeneration	Poster	A48-A61	Hall A	17 Sat	1–5 p.m.	
32	Adolescent Development: Mechanisms of Vulnerability	Poster	A62-A87	Hall A	17 Sat	1–5 p.m.	
96	Genetic Dissection of Neocortical Circuits	Special Lecture		Hall B1	18 Sun	8:30–9:40 a.m.	1.25
104	Synaptogenesis and Activity-Dependent Development	Nanosymposium		N426A	18 Sun	8–11:15 a.m.	
116	Embryonic Neurogenesis	Poster	A1-A21	Hall A	18 Sun	8 a.m.–noon	
117	Molecular Mechanisms of Neural Differentiation	Poster	A22-A51	Hall A	18 Sun	8 a.m.–noon	
189	Genomic Views of Transcriptional Enhancers: Essential Determinants of Cellular Identity and Activity-Dependent Responses in Neurons	Minisymposium		S103	18 Sun	1:30–4 p.m.	2.5
193	Neuronal Lineage Reprogramming	Nanosymposium		N426A	18 Sun	1–3 p.m.	
203	Oligodendrocyte Differentiation	Poster	A1-A22	Hall A	18 Sun	1–5 p.m.	
204	Molecular Mechanisms of Synapse Formation	Poster	A23-A51	Hall A	18 Sun	1–5 p.m.	

\* Event held at the Hyatt Regency Chicago Downtown (not connected to McCormick Place)

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
276	Development and Reprogramming of Neuronal Diversity in the Central Nervous System	Special Lecture		Hall B1	19 Mon	11:30 a.m.–12:40 p.m.	1.25
278	Dendritic Growth and Branching	Nanosymposium		N426A	19 Mon	8–10:45 a.m.	
289	Postnatal Neurogenesis: Temporal and Spatial Patterns	Poster	A1-A16	Hall A	19 Mon	8 a.m.–noon	
290	Development of Sensory Systems	Poster	A17-A38	Hall A	19 Mon	8 a.m.–noon	
291	Peripheral Nervous System Regeneration	Poster	A39-A69	Hall A	19 Mon	8 a.m.–noon	
360	Understanding Neural Circuits through Dendrite Development and Function	Symposium		S100A	19 Mon	1:30–4 p.m.	2.5
368	New Progresses in Nerve Regeneration and Transplantation	Nanosymposium		S102	19 Mon	1–3:15 p.m.	
379	Cell Cycle Control in Neurogenesis	Poster	A1-A11	Hall A	19 Mon	1–5 p.m.	
380	Induced Pluripotent Stem Cells: Modeling Development and Disease	Poster	A12-A38	Hall A	19 Mon	1–5 p.m.	
381	Intrinsic Mechanisms of Axon Growth and Guidance	Poster	A39-A63	Hall A	19 Mon	1–5 p.m.	
453	Synapse Formation and Neurodevelopmental Disorders	Symposium		S100A	20 Tues	8:30–11 a.m.	2.5
472	Molecular Mechanisms of Proliferation	Poster	A1-A19	Hall A	20 Tues	8 a.m.–noon	
473	Role of Adhesion in the Development of Neuronal Wiring	Poster	A20-A27	Hall A	20 Tues	8 a.m.–noon	
474	Dendritic Growth and Branching	Poster	A28-A57	Hall A	20 Tues	8 a.m.–noon	
475	Neuronal Differentiation: Activity-Dependent Mechanisms	Poster	A58-A67	Hall A	20 Tues	8 a.m.–noon	
550	Selection and Consolidation of Neuronal Circuits: Lessons from Learning and Development	Minisymposium		S103	20 Tues	1:30–4 p.m.	2.5
566	Cytoskeletal Functions in Neurodevelopment	Poster	A1-A25	Hall A	20 Tues	1–5 p.m.	
567	Development of Neuronal and Circuit Excitability	Poster	A26-A43	Hall A	20 Tues	1–5 p.m.	
568	Central Nervous System Regeneration	Poster	A44-A71	Hall A	20 Tues	1–5 p.m.	
569	Adolescent Development: Animal Models	Poster	A72-A101	Hall A	20 Tues	1–5 p.m.	
570	Adolescent Development: Human Imaging	Poster	A102-B22	Hall A	20 Tues	1–5 p.m.	
639	The Genetic Logic of Synapse Formation and Axon Regeneration	Special Lecture		Hall B1	21 Wed	8:30–9:40 a.m.	1.25
658	Adult Neurogenesis	Poster	A1-A11	Hall A	21 Wed	8 a.m.–noon	
659	Cell Fate Mechanisms	Poster	A12-A28	Hall A	21 Wed	8 a.m.–noon	
660	Molecular Mechanisms of Neuronal Identity	Poster	A29-A36	Hall A	21 Wed	8 a.m.–noon	
661	Cell Migration in Neurodevelopment	Poster	A37-A64	Hall A	21 Wed	8 a.m.–noon	
662	Patterning and Cell Death	Poster	A65-A75	Hall A	21 Wed	8 a.m.–noon	
663	Postnatal Neurogenesis: Molecular Mechanisms	Poster	A76-A105	Hall A	21 Wed	8 a.m.–noon	
664	Postnatal Neurogenesis: Environmental and Pharmacologic Regulation	Poster	A106-B26	Hall A	21 Wed	8 a.m.–noon	
665	Induced Pluripotent Stem Cells: Neural Differentiation	Poster	B27-B56	Hall A	21 Wed	8 a.m.–noon	
666	Synapse Refinement	Poster	B57-B66	Hall A	21 Wed	8 a.m.–noon	
752	Modeling Disease with Induced Pluripotent Stem Cells	Poster	A1-A21	Hall A	21 Wed	1–5 p.m.	
753	Development of Motor Systems	Poster	A22-A50	Hall A	21 Wed	1–5 p.m.	
754	Development of Sensory Systems: Vision	Poster	A51-A62	Hall A	21 Wed	1–5 p.m.	
755	Development of Limbic, Olfactory, and Gustatory Systems	Poster	A63-A72	Hall A	21 Wed	1–5 p.m.	
756	Evolution of Development	Poster	A73-A84	Hall A	21 Wed	1–5 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
<b>Theme B: Neural Excitability, Synapses, and Glia: Cellular Mechanisms</b>							
4	Dysregulation of Mechanistic Target of Rapamycin Signaling in Mouse Models of Autism	Symposium		S406A	17 Sat	1:30–4 p.m.	2.5
33	Synaptic Signaling: Retrograde Messengers	Poster	A88-A99	Hall A	17 Sat	1–5 p.m.	
34	Opioid and Peptide Receptors	Poster	A100-B11	Hall A	17 Sat	1–5 p.m.	
35	Sodium Channels, Hearing and Communication Neuroscience, and Other Non-Selective Cation Channels	Poster	B12-B39	Hall A	17 Sat	1–5 p.m.	
36	Presynaptic Structure and Neurotransmitter Release I	Poster	B40-B59	Hall A	17 Sat	1–5 p.m.	
37	Synaptic Organization in Hippocampus	Poster	B60-B71	Hall A	17 Sat	1–5 p.m.	
38	Short-term Plasticity	Poster	B72-B87	Hall A	17 Sat	1–5 p.m.	
102	From Spontaneous Neurotransmitter Release to Rapid Antidepressant Action	Special Lecture		Hall B1	18 Sun	10–11:10 a.m.	1.25
105	Role of Immune System Molecules in Synaptic Plasticity	Nanosymposium		S404	18 Sun	8–11:15 a.m.	
118	Brain Cholinergic Mechanisms	Poster	A52-A71	Hall A	18 Sun	8 a.m.–noon	
119	GPCR I	Poster	A72-A83	Hall A	18 Sun	8 a.m.–noon	
120	Metabotropic Glutamate Receptors and GABAB Receptors	Poster	A84-A106	Hall A	18 Sun	8 a.m.–noon	
121	Potassium Channels I	Poster	A107-B27	Hall A	18 Sun	8 a.m.–noon	
122	Monoamine Transporter	Poster	B28-B53	Hall A	18 Sun	8 a.m.–noon	
123	Other Transporters	Poster	B54-B64	Hall A	18 Sun	8 a.m.–noon	
124	Presynaptic Structure and Neurotransmitter Release II	Poster	B65-B93	Hall A	18 Sun	8 a.m.–noon	
125	Synaptic Modulation	Poster	B94-B109	Hall A	18 Sun	8 a.m.–noon	
126	Cholinergic Modulation	Poster	B110-C7	Hall A	18 Sun	8 a.m.–noon	
127	Signal Propagation	Poster	C8-C35	Hall A	18 Sun	8 a.m.–noon	
128	Astrocytes: Profiling and Modulation	Poster	C36-C61	Hall A	18 Sun	8 a.m.–noon	
187	New Frontiers in Understanding Glia	Symposium		S105	18 Sun	1:30–4 p.m.	2.5
194	Synaptic Plasticity: Mechanisms and Modulation	Nanosymposium		N226	18 Sun	1–3:45 p.m.	
205	Invertebrate Transmitter Signaling	Poster	A52-A62	Hall A	18 Sun	1–5 p.m.	
206	NMDA Receptors I	Poster	A63-A76	Hall A	18 Sun	1–5 p.m.	
207	Non-NMDA Receptors	Poster	A77-A103	Hall A	18 Sun	1–5 p.m.	
208	Potassium Channels II	Poster	A104-B11	Hall A	18 Sun	1–5 p.m.	
209	Synaptic Transmission: Pharmacology	Poster	B12-B33	Hall A	18 Sun	1–5 p.m.	
210	Synaptic transmission: Modulation	Poster	B34-B58	Hall A	18 Sun	1–5 p.m.	
211	Long-Term Depression (LTD)	Poster	B59-B77	Hall A	18 Sun	1–5 p.m.	
212	Spike Timing-Dependent Plasticity (STDP)	Poster	B78-B96	Hall A	18 Sun	1–5 p.m.	
213	Oligodendrocytes: Myelination and Remyelination	Poster	B97-C1	Hall A	18 Sun	1–5 p.m.	
273	New Insights into Signal Generation at the Presynaptic Active Zone	Minisymposium		S105	19 Mon	8:30–11 am.	2.5
279	Transcription and Translation in Plasticity I	Nanosymposium		N230	19 Mon	8–11:30 a.m.	
292	Nicotinic Acetylcholine Receptors: Physiology and Function	Poster	A70-A89	Hall A	19 Mon	8 a.m.–noon	
293	Oscillations and Synchrony: Other I	Poster	A90-B3	Hall A	19 Mon	8 a.m.–noon	
294	Dendritic Excitability and Synaptic Integration	Poster	B4-B25	Hall A	19 Mon	8 a.m.–noon	
295	Astrocyte Cell Biology and Modulation	Poster	B26-B55	Hall A	19 Mon	8 a.m.–noon	
296	Astrocyte-Neuron Interactions I	Poster	B56-B85	Hall A	19 Mon	8 a.m.–noon	
297	Astrocyte-Neuron Interactions II	Poster	B86-B104	Hall A	19 Mon	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
298	Microglia	Poster	B105-C13	Hall A	19 Mon	8 a.m.–noon	
362	Advanced Molecular Imaging of Synapses in Health and Disease	Symposium		S406A	19 Mon	1:30–4 p.m.	2.5
369	Presynaptic Structure and Neurotransmitter Release III	Nanosymposium		S405	19 Mon	1–3:30 p.m.	
382	Synaptic Structure and Glutamate Receptors	Poster	A64-A79	Hall A	19 Mon	1–5 p.m.	
383	NMDA II	Poster	A80-A104	Hall A	19 Mon	1–5 p.m.	
384	Calcium Channels I	Poster	A105-B11	Hall A	19 Mon	1–5 p.m.	
385	Calcium Channels II	Poster	B12-B27	Hall A	19 Mon	1–5 p.m.	
386	Glutamate Transporters	Poster	B28-B46	Hall A	19 Mon	1–5 p.m.	
387	Monoaminergic Transmission	Poster	B47-B69	Hall A	19 Mon	1–5 p.m.	
388	Monoaminergic Signaling	Poster	B70-B79	Hall A	19 Mon	1–5 p.m.	
389	Homeostatic Plasticity I	Poster	B80-B107	Hall A	19 Mon	1–5 p.m.	
390	Synaptic Structure	Poster	B108-C24	Hall A	19 Mon	1–5 p.m.	
391	Synaptic and Other Structural Plasticity	Poster	C25-C48	Hall A	19 Mon	1–5 p.m.	
392	Transcription and Translation in Plasticity II	Poster	C49-C72	Hall A	19 Mon	1–5 p.m.	
393	Oscillations and Synchrony: Other II	Poster	C73-D5	Hall A	19 Mon	1–5 p.m.	
394	Schwann Cells and Peripheral Nerve	Poster	D6-D21	Hall A	19 Mon	1–5 p.m.	
452	Strange Synapses and Circuits of the Basal Ganglia	Special Lecture		Hall B1	20 Tues	8:30–9:40 a.m.	1.25
476	Opiate, Cytokines, and Other Neuropeptides	Poster	A68-A76	Hall A	20 Tues	8 a.m.–noon	
477	GABAA Receptors	Poster	A77-A104	Hall A	20 Tues	8 a.m.–noon	
478	Ion Channels	Poster	A105-B13	Hall A	20 Tues	8 a.m.–noon	
479	Oscillations and Synchrony: EEG Studies	Poster	B14-B42	Hall A	20 Tues	8 a.m.–noon	
480	Neural Oscillators and Activity-Dependent Plasticity of Intrinsic Membrane Properties	Poster	B43-B52	Hall A	20 Tues	8 a.m.–noon	
481	Oligodendrocytes and Progenitor Biology	Poster	B53-B69	Hall A	20 Tues	8 a.m.–noon	
545	Inhibition and Excitation in the Cerebellar Nuclei	Special Lecture		Hall B1	20 Tues	1–2:10 p.m.	1.25
555	Sigma Receptors: Emerging Roles in Health and Disease	Nanosymposium		S405	20 Tues	1–3:15 p.m.	
571	Amino Acids	Poster	B23-B33	Hall A	20 Tues	1–5 p.m.	
572	Neurotrophins	Poster	B34-B55	Hall A	20 Tues	1–5 p.m.	
573	Long-Term Potentiation Signaling Mechanisms I	Poster	B56-B73	Hall A	20 Tues	1–5 p.m.	
574	Homeostatic Plasticity II	Poster	B74-B87	Hall A	20 Tues	1–5 p.m.	
575	The Dynamic Synapse	Poster	B88-B102	Hall A	20 Tues	1–5 p.m.	
576	Oscillations and Synchrony: Unit Studies	Poster	B103-C1	Hall A	20 Tues	1–5 p.m.	
577	Modulation of Neuronal Firing Properties I	Poster	C2-C18	Hall A	20 Tues	1–5 p.m.	
578	Glia, <i>In Vivo</i> Approaches	Poster	C19-C30	Hall A	20 Tues	1–5 p.m.	
667	Nicotinic Acetylcholine Receptors: Structure and Function	Poster	B67-B86	Hall A	21 Wed	8 a.m.–noon	
668	Nicotinic Acetylcholine Receptors: Structure and Pharmacology	Poster	B87-B96	Hall A	21 Wed	8 a.m.–noon	
669	Ligand Gated Ion Channels: Glycine and 5-Hydroxytryptamine Receptors	Poster	B97-B106	Hall A	21 Wed	8 a.m.–noon	
670	GABAergic Synapses	Poster	B107-C7	Hall A	21 Wed	8 a.m.–noon	
671	Long-Term Potentiation Signaling Mechanisms II	Poster	C8-C33	Hall A	21 Wed	8 a.m.–noon	
672	Modulation of Neuronal Firing Properties II	Poster	C34-C58	Hall A	21 Wed	8 a.m.–noon	
740	Emerging Insight Into the Critical Role of Astrocyte Ion Channels in Homeostasis and Neuron-Glia Signaling	Minisymposium		S105	21 Wed	1:30–4 p.m.	2.5
742	Structural Plasticity	Nanosymposium		N230	21 Wed	1–3:30 p.m.	
757	GPCR II	Poster	A85-A107	Hall A	21 Wed	1–5 p.m.	

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758	GABAergic Synapses and Inhibitory Transmission	Poster	A108-B9	Hall A	21 Wed	1–5 p.m.	
759	Synaptic Integration	Poster	B10-B25	Hall A	21 Wed	1–5 p.m.	
760	Neuron-glia Interactions	Poster	B26-B46	Hall A	21 Wed	1–5 p.m.	
<b>Theme C: Disorders of the Nervous System</b>							
3	How Does the Brain Implement Adaptive Decision Making to Eat?	Symposium		S100B	17 Sat	1:30–4 p.m.	2.5
5	Epigenetic Landscape of Stress and Addiction: Novel Therapeutic Possibilities	Minisymposium		S105	17 Sat	1:30–4 p.m.	2.5
7	Axonal Transport Defects in Neurodegenerative Diseases: Mechanisms and Molecular Components Involved	Minisymposium		S406B	17 Sat	1:30–4 p.m.	2.5
11	Alzheimer's Disease: Experimental Therapeutics	Nanosymposium		S403	17 Sat	1–4:15 p.m.	
12	Therapeutics of Parkinson's Disease: Clinical Studies	Nanosymposium		N230	17 Sat	1–3:30 p.m.	
13	Rett Syndrome	Nanosymposium		S102	17 Sat	1–3 p.m.	
39	Neuroinflammation and Alzheimer's Disease	Poster	B88-C5	Hall A	17 Sat	1–5 p.m.	
40	Alzheimer's Disease: Beyond Abeta and Tau	Poster	C6-C34	Hall A	17 Sat	1–5 p.m.	
41	Mechanisms of Cell Death and Dysfunction in Parkinson's Disease	Poster	C35-C57	Hall A	17 Sat	1–5 p.m.	
42	Huntington's Disease Clinical	Poster	C58-C69	Hall A	17 Sat	1–5 p.m.	
43	Traumatic Brain Injury: Cellular and Molecular Mechanisms	Poster	C70-D3	Hall A	17 Sat	1–5 p.m.	
44	Traumatic Brain Injury: Human Studies I	Poster	D4-D14	Hall A	17 Sat	1–5 p.m.	
45	Traumatic Brain Injury: Therapeutic Strategies I	Poster	D15-D27	Hall A	17 Sat	1–5 p.m.	
46	Spinal Cord Injury: Restorative Therapeutic Strategies	Poster	D28-D40	Hall A	17 Sat	1–5 p.m.	
47	HIV Neuroinflammation	Poster	D41-E22	Hall A	17 Sat	1–5 p.m.	
48	Schizophrenia: Developmental Animal Models	Poster	E23-F1	Hall A	17 Sat	1–5 p.m.	
49	Schizophrenia: Molecular and Cellular Mechanisms	Poster	F2-F15	Hall A	17 Sat	1–5 p.m.	
50	Alcohol Seeking, Reward, and Relapse	Poster	F16-F36	Hall A	17 Sat	1–5 p.m.	
51	Cocaine: Neural Mechanisms of Reinforcement and Relapse I	Poster	F37-G19	Hall A	17 Sat	1–5 p.m.	
52	Learning, Memory, Dependence, and Addiction	Poster	G20-G41	Hall A	17 Sat	1–5 p.m.	
53	Neurodegeneration Drug Discovery: Other	Poster	G42-H23	Hall A	17 Sat	1–5 p.m.	
54	Neurodegeneration Drug Discovery	Poster	H24-I1	Hall A	17 Sat	1–5 p.m.	
55	Neurodegeneration Drug Discovery: AD, PD, and Gene Therapy	Poster	I2-I22	Hall A	17 Sat	1–5 p.m.	
56	Pain, Headache and Migraine	Poster	I23-I42	Hall A	17 Sat	1–5 p.m.	
99	Transcriptomic Approaches to Neural Regeneration	Minisymposium		S105	18 Sun	8:30–11 am.	2.5
103	SfN Clinical Neuroscience Lecture: Neurotrophin Signaling and Epileptogenesis: Mechanistic and Therapeutic Insights	Special Lecture		Hall B1	18 Sun	11:30 a.m.–12:40 p.m.	1.25
106	Tauopathy and Dementia	Nanosymposium		S403	18 Sun	8–10 a.m.	
107	Cell Dysfunction and Degeneration in Parkinson's Disease	Nanosymposium		N230	18 Sun	8–10:45 a.m.	
108	Molecular Mechanisms Associated with Ischemia	Nanosymposium		S401	18 Sun	8–10 a.m.	
109	Stress and Anxiety	Nanosymposium		S102	18 Sun	8–11:30 a.m.	
129	Brain Wellness	Poster	C62-C83	Hall A	18 Sun	8 a.m.–noon	
130	Alzheimer's Disease: <i>In Vivo</i> Experimental Therapeutics	Poster	C84-D8	Hall A	18 Sun	8 a.m.–noon	
131	Alzheimer's Disease: Synaptic and Neuronal Dysfunction	Poster	D9-D31	Hall A	18 Sun	8 a.m.–noon	
132	Parkinson's Models	Poster	D32-E13	Hall A	18 Sun	8 a.m.–noon	

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133	Gait Disturbances and Freezing	Poster	E14-E29	Hall A	18 Sun	8 a.m.–noon	
134	Therapeutics of Parkinson's Disease: Preclinical Studies	Poster	E30-F7	Hall A	18 Sun	8 a.m.–noon	
135	Non-Huntington's Disease Ataxias and Other Repeat Diseases	Poster	F8-F19	Hall A	18 Sun	8 a.m.–noon	
136	Ischemia: Perinatal	Poster	F20-F29	Hall A	18 Sun	8 a.m.–noon	
137	Sensory Disorders: Auditory	Poster	F30-F43	Hall A	18 Sun	8 a.m.–noon	
138	Sensory Disorders: Visual System	Poster	F44-G9	Hall A	18 Sun	8 a.m.–noon	
139	Major Mental Disorders: Imaging	Poster	G10-G34	Hall A	18 Sun	8 a.m.–noon	
140	Role of the Habenula in Drug Addiction	Poster	G35-H3	Hall A	18 Sun	8 a.m.–noon	
141	Alcohol: Molecular Mechanisms	Poster	H4-H32	Hall A	18 Sun	8 a.m.–noon	
142	Nicotine: Neural Mechanisms	Poster	H33-I7	Hall A	18 Sun	8 a.m.–noon	
143	Nicotine Seeking, Reward, and Relapse	Poster	I8-I37	Hall A	18 Sun	8 a.m.–noon	
144	Cocaine: Neural Mechanisms of Reinforcement and Relapse II	Poster	I38-J12	Hall A	18 Sun	8 a.m.–noon	
145	Perinatal Brain Injury: Acute Therapy	Poster	J13-J28	Hall A	18 Sun	8 a.m.–noon	
185	Human iPSC Derived Cells for Modeling Neurodegenerative Disease and Drug Discovery	Symposium		S100A	18 Sun	1:30–4 p.m.	2.5
195	Alzheimer's Disease: Synaptic and Neuronal Dysfunction	Nanosymposium		S401	18 Sun	1–4 p.m.	
214	Amyloid Precursor Protein Processing and Abeta Toxicity	Poster	C2-C25	Hall A	18 Sun	1–5 p.m.	
215	Alzheimer's Disease: Amyloid Precursor Protein Function and Processing	Poster	C26-C43	Hall A	18 Sun	1–5 p.m.	
216	Alzheimer's Disease: <i>In vitro</i> and <i>In Vivo</i> Experimental Therapeutics	Poster	C44-C60	Hall A	18 Sun	1–5 p.m.	
217	Therapeutics of Parkinson's Disease: Target Validation	Poster	C61-C83	Hall A	18 Sun	1–5 p.m.	
218	Mitochondrial and Other Neuronal-Glial Mechanisms in Parkinson's Disease	Poster	C84-D9	Hall A	18 Sun	1–5 p.m.	
219	Motor Neuron Disease	Poster	D10-D39	Hall A	18 Sun	1–5 p.m.	
220	Aging: Metabolism, Diet, and Oxidative Stress	Poster	D40-E19	Hall A	18 Sun	1–5 p.m.	
221	Genetic Models of Autism Spectrum Disorder	Poster	E20-F17	Hall A	18 Sun	1–5 p.m.	
223	Demyelinating Disorders: Human and Animal Studies	Poster	F18-G2	Hall A	18 Sun	1–5 p.m.	
224	Demyelinating Disorders: Animal Studies	Poster	G3-G32	Hall A	18 Sun	1–5 p.m.	
225	Traumatic Brain Injury: Human Studies II	Poster	G33-H10	Hall A	18 Sun	1–5 p.m.	
226	Spinal Cord Injury: Restorative Strategies	Poster	H11-H40	Hall A	18 Sun	1–5 p.m.	
227	Psychosis: Mechanism	Poster	H41-I11	Hall A	18 Sun	1–5 p.m.	
228	Stroke Imaging and Diagnostic Studies	Poster	I12-I41	Hall A	18 Sun	1–5 p.m.	
272	Chaperones in Neurodegeneration	Minisymposium		S406A	19 Mon	8:30–11 am.	2.5
280	Alzheimer's Disease: Beyond Abeta and Tau	Nanosymposium		N226	19 Mon	8–10:45 a.m.	
281	Mechanisms of Epilepsy	Nanosymposium		S403	19 Mon	8–11:15 a.m.	
282	Neuropathology: Mechanisms and Biomarkers	Nanosymposium		S102	19 Mon	8–10:45 a.m.	
299	Neuropharmacology and Neurotransmission in Dementia	Poster	C14-C33	Hall A	19 Mon	8 a.m.–noon	
300	Synaptic Pathology in Alzheimer's Disease	Poster	C34-C56	Hall A	19 Mon	8 a.m.–noon	
301	Alpha-Synuclein, LRRK2, and Other Molecular Mechanisms: Human Studies	Poster	C57-C82	Hall A	19 Mon	8 a.m.–noon	
302	Circuit Mechanisms in Parkinson's Disease	Poster	C83-D3	Hall A	19 Mon	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
303	Huntington's Disease <i>In Vivo</i>	Poster	D4-D29	Hall A	19 Mon	8 a.m.–noon	
304	Frontotemporal Dementia and Other Neurodegenerative Disease	Poster	D30-E11	Hall A	19 Mon	8 a.m.–noon	
305	Aging: Animal and Cellular Models	Poster	E12-E40	Hall A	19 Mon	8 a.m.–noon	
306	Behavioral Analyses in Autism Spectrum Disorder	Poster	E41-F22	Hall A	19 Mon	8 a.m.–noon	
307	Ischemia: Molecular Mechanisms and Neuroprotection	Poster	F23-G6	Hall A	19 Mon	8 a.m.–noon	
308	Ischemia: Human and Translational Studies and Cell-Based Therapies	Poster	G7-G17	Hall A	19 Mon	8 a.m.–noon	
309	Traumatic Brain Injury: Therapeutic Strategies II	Poster	G18-G43	Hall A	19 Mon	8 a.m.–noon	
310	Spinal Cord Injury: Animal Models and Human Studies	Poster	G44-H29	Hall A	19 Mon	8 a.m.–noon	
311	Major Mental Disorders: Clinical Studies	Poster	H30-I3	Hall A	19 Mon	8 a.m.–noon	
312	Major Mental Disorders: Human Postmortem Studies	Poster	I4-I25	Hall A	19 Mon	8 a.m.–noon	
313	Mechanisms of Withdrawal from Alcohol, Nicotine and Morphine	Poster	I26-I44	Hall A	19 Mon	8 a.m.–noon	
314	Alcohol and Stress	Poster	I45-J10	Hall A	19 Mon	8 a.m.–noon	
315	Cocaine: Mechanisms of Reinforcement and Relapse	Poster	J11-J30	Hall A	19 Mon	8 a.m.–noon	
316	Amphetamine and Related drugs: Neural Mechanisms of Addiction	Poster	J31-K5	Hall A	19 Mon	8 a.m.–noon	
317	Amphetamines and Cocaine	Poster	K6-K26	Hall A	19 Mon	8 a.m.–noon	
318	Cannabinoids	Poster	K27-K41	Hall A	19 Mon	8 a.m.–noon	
319	Opioids	Poster	K42-L18	Hall A	19 Mon	8 a.m.–noon	
320	Striatal Plasticity in Addiction	Poster	L19-L42	Hall A	19 Mon	8 a.m.–noon	
321	Cortical Plasticity in Addiction	Poster	L43-M12	Hall A	19 Mon	8 a.m.–noon	
322	Behavioral Pharmacology and Modeling in Addiction	Poster	M13-M28	Hall A	19 Mon	8 a.m.–noon	
323	Neuropeptides and Behavior	Poster	M29-M41	Hall A	19 Mon	8 a.m.–noon	
324	Stroke Recovery	Poster	M4-N23	Hall A	19 Mon	8 a.m.–noon	
361	Rethinking Dogma in Thalamocortical Epilepsies	Symposium		S100B	19 Mon	1:30–4 p.m.	2.5
363	New Perspectives for the Rescue of Cognitive Disability in Down Syndrome	Minisymposium		S105	19 Mon	1:30–4 p.m.	2.5
370	Structural and Signaling Changes in Aging and Alzheimer's Disease	Nanosymposium		N426A	19 Mon	1–3:45 p.m.	
371	Alpha-Synuclein, LRRK2, and Other Molecular Mechanisms in Parkinson's Disease	Nanosymposium		N230	19 Mon	1–4:30 p.m.	
395	Therapeutic Strategies for Alzheimer's Disease	Poster	D22-D40	Hall A	19 Mon	1–5 p.m.	
396	Neuroinflammation, Immunity, and Alzheimer's Disease	Poster	D41-E9	Hall A	19 Mon	1–5 p.m.	
397	Deep Brain Stimulation Mechanisms and Treatments in Parkinson's Disease	Poster	E10-E23	Hall A	19 Mon	1–5 p.m.	
398	Connectivity, Physiologic Mechanisms and Computational Models of Parkinson's Disease	Poster	E24-F1	Hall A	19 Mon	1–5 p.m.	
399	Huntington's Disease: <i>In Vivo</i> and Methods	Poster	F2-F26	Hall A	19 Mon	1–5 p.m.	
400	Ataxias	Poster	F27-G4	Hall A	19 Mon	1–5 p.m.	
401	Human Aging	Poster	G5-G15	Hall A	19 Mon	1–5 p.m.	
402	Cellular Mechanisms Associated with Ischemia	Poster	G16-G37	Hall A	19 Mon	1–5 p.m.	
403	Ischemia: Recovery	Poster	G38-H22	Hall A	19 Mon	1–5 p.m.	
404	Ischemia: <i>In Vivo</i> Studies	Poster	H23-I3	Hall A	19 Mon	1–5 p.m.	
405	Traumatic Brain Injury: Human Studies III	Poster	I4-I23	Hall A	19 Mon	1–5 p.m.	
406	Peripheral Nerve Injury	Poster	I24-J2	Hall A	19 Mon	1–5 p.m.	
407	Cell Death Mechanisms: Excitotoxicity and Calcium	Poster	J3-J13	Hall A	19 Mon	1–5 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
408	Psychosis: Genomics	Poster	J14-J31	Hall A	19 Mon	1–5 p.m.	
409	Mood Disorders: Biomarkers and Therapeutics	Poster	J32-K13	Hall A	19 Mon	1–5 p.m.	
410	Mood Disorders: Preclinical Models	Poster	K14-K42	Hall A	19 Mon	1–5 p.m.	
411	Cocaine: Self-Administration and Other Behavioral Studies	Poster	L1-L25	Hall A	19 Mon	1–5 p.m.	
412	Amphetamine and Related Drugs: Reinforcement and Relapse	Poster	L26-M5	Hall A	19 Mon	1–5 p.m.	
455	Modern Approaches Toward More Predictive Mouse Models of Neurodegenerative Diseases	Minisymposium		S406A	20 Tues	8:30–11 am.	2.5
457	Mood and Reward Networks in Chronic Pain Conditions	Minisymposium		S103	20 Tues	8:30–11 am.	2.5
461	Alzheimer's Disease: Risk Factors	Nanosymposium		S403	20 Tues	8–11 a.m.	
462	Imaging and Biomarkers in Neurodegenerative Disease	Nanosymposium		N226	20 Tues	8–11:30 a.m.	
463	Therapeutics of Parkinson's Disease: Preclinical Studies	Nanosymposium		N230	20 Tues	8–10:15 a.m.	
464	Neuroprotection: <i>In Vivo</i> Studies	Nanosymposium		N426A	20 Tues	8–10:45 a.m.	
465	Stress and Anxiety: Animal Models	Nanosymposium		S102	20 Tues	8–11:15 a.m.	
482	Alzheimer's Disease: Risk Factors and Biomarkers	Poster	B70-B98	Hall A	20 Tues	8 a.m.–noon	
483	Alzheimer's Disease: Tau	Poster	B99-C8	Hall A	20 Tues	8 a.m.–noon	
484	Aβ Toxicity	Poster	C9-C38	Hall A	20 Tues	8 a.m.–noon	
485	Alzheimer's disease: The Secretases	Poster	C39-C54	Hall A	20 Tues	8 a.m.–noon	
486	Tau and Tauopathies	Poster	C55-C79	Hall A	20 Tues	8 a.m.–noon	
487	Molecular and Protein Abnormalities in Neurodegeneration	Poster	C80-D3	Hall A	20 Tues	8 a.m.–noon	
488	Network Oscillations in Parkinson's Disease: Human Studies	Poster	D4-D26	Hall A	20 Tues	8 a.m.–noon	
489	Huntington's Disease Mechanisms I	Poster	D27-E1	Hall A	20 Tues	8 a.m.–noon	
490	Autism Spectrum Disorder Models: Novel and Emerging	Poster	E2-E18	Hall A	20 Tues	8 a.m.–noon	
491	Fragile X Syndrome	Poster	E19-E43	Hall A	20 Tues	8 a.m.–noon	
492	Epilepsy Network and Synaptic Mechanisms	Poster	E44-F17	Hall A	20 Tues	8 a.m.–noon	
493	Human Clinical Neurophysiology	Poster	F18-F31	Hall A	20 Tues	8 a.m.–noon	
494	Epilepsy Mechanisms	Poster	F32-G14	Hall A	20 Tues	8 a.m.–noon	
495	<i>In Vivo</i> and <i>In vitro</i> Models of Acute and Chronic Seizures	Poster	G15-G44	Hall A	20 Tues	8 a.m.–noon	
496	Antiseizure Therapies	Poster	H1-H12	Hall A	20 Tues	8 a.m.–noon	
497	Anticonvulsant Pharmacological Therapies	Poster	H13-H40	Hall A	20 Tues	8 a.m.–noon	
498	Human Epilepsy	Poster	H41-I9	Hall A	20 Tues	8 a.m.–noon	
499	Ischemia: Inflammation	Poster	I10-I34	Hall A	20 Tues	8 a.m.–noon	
500	Traumatic Brain Injury: Therapeutic Strategies III	Poster	I35-J9	Hall A	20 Tues	8 a.m.–noon	
501	Cell Death Mechanisms: Oxidative Stress	Poster	J10-J28	Hall A	20 Tues	8 a.m.–noon	
502	Major Mental Disorders: Experimental Therapeutics	Poster	J29-J47	Hall A	20 Tues	8 a.m.–noon	
503	Cognition and Anxiety: Human Studies	Poster	J48-K19	Hall A	20 Tues	8 a.m.–noon	
504	Mood Disorders Animal Models I	Poster	K20-L4	Hall A	20 Tues	8 a.m.–noon	
505	Mood Disorders Animal Models II	Poster	L5-L33	Hall A	20 Tues	8 a.m.–noon	
506	Cocaine: Reward, Sensitization, and Locomotion	Poster	L34-M13	Hall A	20 Tues	8 a.m.–noon	
547	Novel Ideas and Tools to Enhance the Neurobiological Study of Drug Addiction with an Eye Toward Intervention Development and Biomarker Identification	Symposium		S100B	20 Tues	1:30–4 p.m.	2.5
551	Redox Signaling in Neurological Dysfunction	Minisymposium		S406B	20 Tues	1:30–4 p.m.	2.5



SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
556	Huntington's Disease Mechanisms II	Nanosymposium		N426A	20 Tues	1–4:15 p.m.	
557	Motor Neuron Disease	Nanosymposium		N230	20 Tues	1–4 p.m.	
558	Major Mental Disorders: Novel Approaches for Patient Evaluation	Nanosymposium		S102	20 Tues	1–3:30 p.m.	
559	Mood Disorders: Preclinical Models and Therapeutic Approaches	Nanosymposium		S403	20 Tues	1–4:30 p.m.	
560	Stroke Recovery	Nanosymposium		S404	20 Tues	1–3 p.m.	
579	Tau in Cellular and Biochemical Models	Poster	C31-C59	Hall A	20 Tues	1–5 p.m.	
580	Amyloid Precursor Protein: Apolipoprotein E and Cholesterol	Poster	C60-C80	Hall A	20 Tues	1–5 p.m.	
581	Human Imaging Studies in Parkinson's Disease	Poster	C81-D12	Hall A	20 Tues	1–5 p.m.	
582	Therapeutics of Parkinson's Disease: Clinical Studies	Poster	D13-D26	Hall A	20 Tues	1–5 p.m.	
583	Dystonia and Parkinson's Disease	Poster	D27-E3	Hall A	20 Tues	1–5 p.m.	
584	Autism: Synaptic and Cellular Mechanisms I	Poster	E4-E24	Hall A	20 Tues	1–5 p.m.	
585	Autism: Environment and Pathology	Poster	E25-E40	Hall A	20 Tues	1–5 p.m.	
586	Rett Syndrome	Poster	E41-F15	Hall A	20 Tues	1–5 p.m.	
587	Mechanisms of Epilepsy Poster Session	Poster	F16-F35	Hall A	20 Tues	1–5 p.m.	
588	Animal Models of Epilepsy: Comorbidities	Poster	F36-G10	Hall A	20 Tues	1–5 p.m.	
589	Traumatic Brain Injury: Animal Models I	Poster	G11-G37	Hall A	20 Tues	1–5 p.m.	
590	Spinal Cord Injury: Therapeutic Strategies	Poster	G38-H23	Hall A	20 Tues	1–5 p.m.	
591	Cell Death Mechanisms: Apoptosis and Mitochondria	Poster	H24-H35	Hall A	20 Tues	1–5 p.m.	
592	Neuro-Oncology I	Poster	H36-I16	Hall A	20 Tues	1–5 p.m.	
593	Schizophrenia: Circuitry Models	Poster	I17-I29	Hall A	20 Tues	1–5 p.m.	
594	Alcohol: Effects of Prenatal Exposure	Poster	I30-J3	Hall A	20 Tues	1–5 p.m.	
595	Drug Delivery	Poster	J4-J13	Hall A	20 Tues	1–5 p.m.	
641	Adolescent Alcohol Exposure: Long-Term Neurobiological and Behavioral Consequences	Symposium		S105	21 Wed	8:30–11 a.m.	2.5
645	Striatal Synaptic Dysfunction in Parkinson's and Huntington's Diseases	Special Lecture		Hall B1	21 Wed	10–11:10 a.m.	1.25
647	Parkinson's Disease: Rodent Models I	Nanosymposium		S405	21 Wed	8–11:30 a.m.	
648	Ataxias and Non-Huntington's Disease Neurodegenerative Diseases	Nanosymposium		N426A	21 Wed	8–11:15 a.m.	
649	Ischemia: Cellular Mechanisms	Nanosymposium		S404	21 Wed	8–11 a.m.	
650	Spinal Cord Injury: Therapeutic Strategies	Nanosymposium		S102	21 Wed	8–10:45 a.m.	
651	Neurodegeneration Drug Discovery: Gene Therapy and others	Nanosymposium		S403	21 Wed	8–11:15 a.m.	
673	Alzheimer's Disease: Animal Models	Poster	C59-C74	Hall A	21 Wed	8 a.m.–noon	
674	Alzheimer's Disease: Neurodegeneration	Poster	C75-C84	Hall A	21 Wed	8 a.m.–noon	
675	Alzheimer's Disease: Clinical Detection and Biomarkers	Poster	C85-D7	Hall A	21 Wed	8 a.m.–noon	
676	Parkinson's Disease: Rodent Models II	Poster	D8-D35	Hall A	21 Wed	8 a.m.–noon	
677	Alpha-Synuclein Mechanisms in Parkinson's Disease	Poster	D36-E10	Hall A	21 Wed	8 a.m.–noon	
678	Therapeutics of Parkinson's Disease: Neuroprotection	Poster	E11-E36	Hall A	21 Wed	8 a.m.–noon	
679	Autism: Synaptic and Cellular Mechanisms II	Poster	E37-F9	Hall A	21 Wed	8 a.m.–noon	
680	Autism: Physiology and Systems	Poster	F10-F34	Hall A	21 Wed	8 a.m.–noon	
681	Down Syndrome	Poster	F35-G7	Hall A	21 Wed	8 a.m.–noon	
682	Developmental Disorders: Angelman's	Poster	G8-G22	Hall A	21 Wed	8 a.m.–noon	
683	Developmental Disorders: Other	Poster	G23-H8	Hall A	21 Wed	8 a.m.–noon	
684	Developmental Disorders: Animal Models I	Poster	H9-H33	Hall A	21 Wed	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
685	Developmental Disorders: Animal Models II	Poster	H34-I6	Hall A	21 Wed	8 a.m.–noon	
686	Developmental Disorders: Animal Models III	Poster	I7-I32	Hall A	21 Wed	8 a.m.–noon	
687	Ischemia and Hemorrhage: Animal Models	Poster	I33-J12	Hall A	21 Wed	8 a.m.–noon	
688	Traumatic Brain Injury: Animal Models II	Poster	J13-J41	Hall A	21 Wed	8 a.m.–noon	
689	Neurotoxicity: Protective Mechanisms	Poster	J42-K23	Hall A	21 Wed	8 a.m.–noon	
690	Models of Neurodegeneration	Poster	K24-L6	Hall A	21 Wed	8 a.m.–noon	
691	Oxidative Stress-Induced and Other Mechanisms of Neurodegeneration	Poster	L7-L23	Hall A	21 Wed	8 a.m.–noon	
692	Methamphetamine and Drug Induced Toxicity	Poster	L24-M9	Hall A	21 Wed	8 a.m.–noon	
693	Somatosensory and Pain Disorders	Poster	M10-M38	Hall A	21 Wed	8 a.m.–noon	
694	Fear and Anxiety: Behavior	Poster	M39-N11	Hall A	21 Wed	8 a.m.–noon	
695	Alcohol: Neural Mechanisms	Poster	N12-N41	Hall A	21 Wed	8 a.m.–noon	
696	Genetics of Addiction	Poster	N42-O6	Hall A	21 Wed	8 a.m.–noon	
738	Corticospinal Motor Neurons in Health and Disease	Minisymposium		S100B	21 Wed	1:30–4 p.m.	2.5
743	Traumatic Brain Injury: Cellular and Mechanisms	Nanosymposium		S403	21 Wed	1–4 p.m.	
744	Perioperative Neurotoxicity	Nanosymposium		S404	21 Wed	1–4:15 p.m.	
745	New Findings in Neural Mechanism of Addiction	Nanosymposium		S401	21 Wed	1–3:15 p.m.	
761	Alzheimer's Neurodegeneration: Animal Models	Poster	B47-B75	Hall A	21 Wed	1–5 p.m.	
762	Parkinson's Disease: Rodent Models III	Poster	B76-B101	Hall A	21 Wed	1–5 p.m.	
763	LRRK2 and Other Mechanisms in Parkinson's Disease	Poster	B102-C14	Hall A	21 Wed	1–5 p.m.	
764	Neuroprotective Mechanisms in Parkinson's Disease	Poster	C15-C39	Hall A	21 Wed	1–5 p.m.	
765	Epilepsy Genetics and Seizure Dynamics	Poster	C40-C53	Hall A	21 Wed	1–5 p.m.	
766	Epilepsy Networks and Channels	Poster	C54-C78	Hall A	21 Wed	1–5 p.m.	
767	Neurotoxicity: Neuroprotective Mechanisms	Poster	C79-D7	Hall A	21 Wed	1–5 p.m.	
768	Cellular Mechanisms of Degeneration and Inflammation in Models of Neurodegenerative Disease	Poster	D8-D19	Hall A	21 Wed	1–5 p.m.	
769	Neuro-Oncology II	Poster	D20-D33	Hall A	21 Wed	1–5 p.m.	
770	Psychosis: Animal Models	Poster	D34-E15	Hall A	21 Wed	1–5 p.m.	
771	Psychosis: Biochemistry	Poster	E16-E42	Hall A	21 Wed	1–5 p.m.	
772	Schizophrenia: Antipsychotics	Poster	E43-F18	Hall A	21 Wed	1–5 p.m.	
773	Mood Disorders: Antidepressants I	Poster	F19-G4	Hall A	21 Wed	1–5 p.m.	
774	Mood Disorders: Antidepressants II	Poster	G5-G29	Hall A	21 Wed	1–5 p.m.	
775	Antidepressants: Animal Models	Poster	G30-H4	Hall A	21 Wed	1–5 p.m.	
776	Mood Disorders: Antidepressant III	Poster	H5-H32	Hall A	21 Wed	1–5 p.m.	
777	Alcohol and Cannabis: Effects of Exposure During Adolescence	Poster	H33-I4	Hall A	21 Wed	1–5 p.m.	
778	Cocaine: Cellular and Synaptic Studies	Poster	I5-I25	Hall A	21 Wed	1–5 p.m.	
779	Amphetamines: Mechanisms of Addiction and Sensitization	Poster	I26-I46	Hall A	21 Wed	1–5 p.m.	
780	Translational Studies of Treatments for Addiction	Poster	I47-J16	Hall A	21 Wed	1–5 p.m.	
781	Hedonia, Feeding, and Addictive Drugs	Poster	J17-J31	Hall A	21 Wed	1–5 p.m.	
782	Monoaminergic Plasticity in Addiction	Poster	J32-K1	Hall A	21 Wed	1–5 p.m.	
783	Adolescence and Addiction	Poster	K2-K17	Hall A	21 Wed	1–5 p.m.	
784	Monoamines and Behavior: Serotonin and Histamine	Poster	K18-K27	Hall A	21 Wed	1–5 p.m.	
785	Monoamines and Behavior: Dopamine and Norepinephrine	Poster	K28-L1	Hall A	21 Wed	1–5 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
<b>Theme D: Sensory and Motor Systems</b>							
6	Dorsal Striatum: From Microcircuits and Modulation to <i>In Vivo</i> Function	Minisymposium		S103	17 Sat	1:30–4 p.m.	2.5
14	Auditory System: Sensory Transduction and Hair Cell Differentiation	Nanosymposium		S402	17 Sat	1–2:45 p.m.	
15	Insula: Somatotomy, Emotion, and Cognition	Nanosymposium		S401	17 Sat	1–2:45 p.m.	
16	Oral Motor and Speech	Nanosymposium		N226	17 Sat	1–4 p.m.	
57	Auditory Processing: Adaptation, Learning, and Memory	Poster	I43-J11	Hall A	17 Sat	1–5 p.m.	
58	Retina: Photoreceptors	Poster	J12-J35	Hall A	17 Sat	1–5 p.m.	
59	Population Coding in Striate Cortex	Poster	J36-K9	Hall A	17 Sat	1–5 p.m.	
60	Visual cognition: Decision Making	Poster	K10-K33	Hall A	17 Sat	1–5 p.m.	
61	Eye Movements and Perception	Poster	K34-L8	Hall A	17 Sat	1–5 p.m.	
62	Persistent Pain Treatment	Poster	L9-L31	Hall A	17 Sat	1–5 p.m.	
63	Pain Models: Behavior I	Poster	L32-M14	Hall A	17 Sat	1–5 p.m.	
64	Pain Models: Behavior II	Poster	M15-M36	Hall A	17 Sat	1–5 p.m.	
65	Somatosensory Thalamocortical Processes	Poster	M37-N5	Hall A	17 Sat	1–5 p.m.	
66	Spinal Cord Injury: Neuroplasticity	Poster	N6-N22	Hall A	17 Sat	1–5 p.m.	
67	Reflexes and Reflex Modulation	Poster	N23-02	Hall A	17 Sat	1–5 p.m.	
68	Motoneuron Disease: Cellular Mechanisms I	Poster	O3-024	Hall A	17 Sat	1–5 p.m.	
69	Motoneuron Disease	Poster	O25-047	Hall A	17 Sat	1–5 p.m.	
70	Gait and Posture: Afferent Control	Poster	O48-P12	Hall A	17 Sat	1–5 p.m.	
71	Cortical Planning and Execution: Electroencephalogram	Poster	P13-P24	Hall A	17 Sat	1–5 p.m.	
72	Cortical Planning and Execution: Neuroimaging	Poster	P25-P41	Hall A	17 Sat	1–5 p.m.	
98	Cellular and Circuit Mechanisms of Multisensory Integration and Plasticity	Symposium		S406A	18 Sun	8:30–11 a.m.	2.5
110	Eye Movements: Visual-Motor Transformations and Updating	Nanosymposium		S402	18 Sun	8–9:45 a.m.	
111	Decoding Brain Machine Interfaces	Nanosymposium		S100B	18 Sun	8–11:15 a.m.	
146	Auditory Temporal, Frequency, and Spectral Processing: Neurophysiology	Poster	J29-K7	Hall A	18 Sun	8 a.m.–noon	
147	Retinal Ganglion Cells: Classification and Responses	Poster	K8-K26	Hall A	18 Sun	8 a.m.–noon	
148	Visual Thalamus	Poster	K27-L12	Hall A	18 Sun	8 a.m.–noon	
149	Visual Processing: Representation of Faces and Bodies	Poster	L13-L37	Hall A	18 Sun	8 a.m.–noon	
150	TrpA1	Poster	L38-M3	Hall A	18 Sun	8 a.m.–noon	
151	Pain: Descending Modulation	Poster	M4-M25	Hall A	18 Sun	8 a.m.–noon	
152	Mechanisms of Neuropathic Pain I	Poster	M26-N7	Hall A	18 Sun	8 a.m.–noon	
153	Diabetic Neuropathy	Poster	N8-N18	Hall A	18 Sun	8 a.m.–noon	
154	Pain Imaging and Perception	Poster	N19-N47	Hall A	18 Sun	8 a.m.–noon	
155	Processing and Modulation of Pain: Neuroimaging, Psychophysiology, and Neurochemistry	Poster	N48-O12	Hall A	18 Sun	8 a.m.–noon	
156	Somatosensory Neural Coding	Poster	O13-O37	Hall A	18 Sun	8 a.m.–noon	
157	Spinal Cord Injury: Motoneuron Excitability	Poster	O38-O47	Hall A	18 Sun	8 a.m.–noon	
158	Amyotrophic Lateral Sclerosis: Motor Neuron Disease	Poster	O48-P9	Hall A	18 Sun	8 a.m.–noon	
159	Motoneuron Disease: Cellular Mechanisms II	Poster	P10-P37	Hall A	18 Sun	8 a.m.–noon	
160	Motor Unit Recruitment	Poster	P38-Q10	Hall A	18 Sun	8 a.m.–noon	
188	Behavior Diversity in Individuals: Genetic and Circuit Mechanisms	Minisymposium		S406A	18 Sun	1:30–4 p.m.	2.5

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
196	Cortical Visual Representations of Scenes	Nanosymposium		S102	18 Sun	1–3:45 p.m.	
197	Advances in Spinal Cord Injury Research	Nanosymposium		S403	18 Sun	1–3:45 p.m.	
229	Olfaction: Olfactory Bulb	Poster	I42-J12	Hall A	18 Sun	1–5 p.m.	
230	Olfaction: Higher Order Processing	Poster	J13-J28	Hall A	18 Sun	1–5 p.m.	
231	Auditory Processing: Neural Coding, Experiment, and Theory	Poster	J29-K6	Hall A	18 Sun	1–5 p.m.	
232	Striate Cortex: Receptive Field Organization	Poster	K7-K24	Hall A	18 Sun	1–5 p.m.	
233	Extrastriate Cortex: Motion Processing	Poster	K25-K38	Hall A	18 Sun	1–5 p.m.	
234	Eye Movements: Saccades	Poster	K39-L9	Hall A	18 Sun	1–5 p.m.	
235	Vestibular Hair Cells, End Organs, and Nerve	Poster	L10-L19	Hall A	18 Sun	1–5 p.m.	
236	Vestibular Central Physiology, Anatomy, and Behavior	Poster	L20-L31	Hall A	18 Sun	1–5 p.m.	
237	Spinal Cord Processing: Anatomy and Physiology	Poster	L32-M13	Hall A	18 Sun	1–5 p.m.	
238	Visceral Pain	Poster	M14-M31	Hall A	18 Sun	1–5 p.m.	
239	Musculoskeletal Pain	Poster	M32-M41	Hall A	18 Sun	1–5 p.m.	
240	Somatosensory Functional Organization	Poster	M42-N23	Hall A	18 Sun	1–5 p.m.	
241	Spinal Cord Injury and Plasticity	Poster	N24-N43	Hall A	18 Sun	1–5 p.m.	
242	Motor Control: Novel Techniques	Poster	N44-O14	Hall A	18 Sun	1–5 p.m.	
243	Posture: Muscle Activity, Exercise and Biomechanics	Poster	O15-O27	Hall A	18 Sun	1–5 p.m.	
244	Cortical Planning and Execution: Primary Motor Cortex	Poster	O28-P8	Hall A	18 Sun	1–5 p.m.	
271	Retinal Microcircuits for the Computation of Motion Direction: Functional Organization, Development, and Behavior	Symposium		S100B	19 Mon	8:30–11 a.m.	2.5
283	Perception and Auditory Cortex	Nanosymposium		S402	19 Mon	8–10:15 a.m.	
284	Visual Processing: Representation of Faces and Bodies	Nanosymposium		S401	19 Mon	8–10:45 a.m.	
325	Olfactory Receptors and Sensory Detection	Poster	N24-N37	Hall A	19 Mon	8 a.m.–noon	
326	Olfaction: Behavior, Perception, and Neurophysiology	Poster	N38-O5	Hall A	19 Mon	8 a.m.–noon	
327	Taste System	Poster	O6-O24	Hall A	19 Mon	8 a.m.–noon	
328	Auditory Processing: Mechanoreceptors and Cochlea	Poster	O25-O36	Hall A	19 Mon	8 a.m.–noon	
329	Cross-Modal Processing in Humans	Poster	O37-P10	Hall A	19 Mon	8 a.m.–noon	
330	Visual Signals in Retinal Circuits	Poster	P11-P38	Hall A	19 Mon	8 a.m.–noon	
331	Striate Cortex: Population Dynamics and Behavior.	Poster	P39-Q16	Hall A	19 Mon	8 a.m.–noon	
332	Extrastriate Cortex: Representing Objects and Texture	Poster	Q17-R18	Hall A	19 Mon	8 a.m.–noon	
333	Visual Processing: Object and Scene Representation	Poster	R19-S14	Hall A	19 Mon	8 a.m.–noon	
334	Eye Movements: Neurophysiology of Saccades	Poster	S15-T11	Hall A	19 Mon	8 a.m.–noon	
335	Vestibular Perception, Posture, and Spatial Orientation	Poster	T12-U13	Hall A	19 Mon	8 a.m.–noon	
336	Trigeminal Processing	Poster	U14-U32	Hall A	19 Mon	8 a.m.–noon	
337	Spinal Cord Injury I	Poster	U33-V17	Hall A	19 Mon	8 a.m.–noon	
338	Spinal Cord Injury II	Poster	V18-V44	Hall A	19 Mon	8 a.m.–noon	
339	Neuromuscular Disorders	Poster	V45-W25	Hall A	19 Mon	8 a.m.–noon	
340	Basal Ganglia output	Poster	W26-W35	Hall A	19 Mon	8 a.m.–noon	
341	Gait and Posture: Higher Order Control, Multi-Task Integration and Theory	Poster	W36-X17	Hall A	19 Mon	8 a.m.–noon	
342	Reach Control: Selection Mechanisms	Poster	X18-X33	Hall A	19 Mon	8 a.m.–noon	
343	Cortical Planning and Execution: Behaviour	Poster	X34-Y4	Hall A	19 Mon	8 a.m.–noon	
372	The Nature and Significance of Neuronal Variation	Nanosymposium		S401	19 Mon	1–3:45 p.m.	
373	Visual Processing: Object Representation	Nanosymposium		S402	19 Mon	1–3:45 p.m.	
374	Posture and Gait: Health and Disease	Nanosymposium		N226	19 Mon	1–4:15 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
413	Auditory Processing: Vocalizations and Natural sounds – Cortex and human studies	Poster	M6-M23	Hall A	19 Mon	1–5 p.m.	
414	Subcortical Pathways	Poster	M24-M42	Hall A	19 Mon	1–5 p.m.	
415	Striate Cortex in Rodents	Poster	M43-N14	Hall A	19 Mon	1–5 p.m.	
416	Striate Cortex: Imaging Studies	Poster	N15-N34	Hall A	19 Mon	1–5 p.m.	
417	Eye Movements: Central Mechanisms	Poster	N35-01	Hall A	19 Mon	1–5 p.m.	
418	Spinal Cord Processing: Pharmacology	Poster	O2-012	Hall A	19 Mon	1–5 p.m.	
419	Plasticity of Somatosensory System	Poster	O13-032	Hall A	19 Mon	1–5 p.m.	
420	Rhythmic Motor Patterns: Interneurons and Motor Neurons	Poster	O33-P14	Hall A	19 Mon	1–5 p.m.	
421	Rhythmic Motor Pattern Connectivity	Poster	P15-Q1	Hall A	19 Mon	1–5 p.m.	
422	Rhythmic Motor Patterns: Neuromodulation	Poster	Q2-R1	Hall A	19 Mon	1–5 p.m.	
423	Motoneuron Disease: Cellular Mechanisms III	Poster	R2-S6	Hall A	19 Mon	1–5 p.m.	
424	Motoneuron: Muscle Interaction	Poster	S7-T8	Hall A	19 Mon	1–5 p.m.	
425	Cerebellum: Anatomy and <i>In vitro</i> models	Poster	T9-T18	Hall A	19 Mon	1–5 p.m.	
426	Cerebellum: Plasticity and Climbing Fibers	Poster	T19-U12	Hall A	19 Mon	1–5 p.m.	
427	Cortical Planning and Execution: Motor Cortex	Poster	U13-U38	Hall A	19 Mon	1–5 p.m.	
428	Sensorimotor Neuroprosthetics	Poster	U39-V11	Hall A	19 Mon	1–5 p.m.	
429	Comparative Anatomy and Evolution	Poster	V12-V41	Hall A	19 Mon	1–5 p.m.	
430	Neural Control of Respiration	Poster	V42-W21	Hall A	19 Mon	1–5 p.m.	
456	Brainy and Handy: What Robotics and Prosthetics Can Learn from Touch Receptors in the Hand	Minisymposium		S105	20 Tues	8:30–11 am.	2.5
458	Different Brains, Common Circuits? Visual Decision Making in Rodents and Primates	Minisymposium		S406B	20 Tues	8:30–11 am.	2.5
460	Cortical Control of Arm Movements: A Dynamical Systems Perspective	Special Lecture		Hall B1	20 Tues	11:30 a.m.–12:40 p.m.	1.25
466	Auditory Processing: Cortical Encoding of Complex Sounds	Nanosymposium		S402	20 Tues	8–10 a.m.	
467	Visual-Motor Processing: Prediction and Adaptation	Nanosymposium		S401	20 Tues	8–10 a.m.	
507	Auditory Processing: Subcortical Circuits	Poster	M14-M31	Hall A	20 Tues	8 a.m.–noon	
508	Auditory Perception, Cognition, and Action	Poster	M32-N13	Hall A	20 Tues	8 a.m.–noon	
509	Cross-Modal Processing: Temporal Factors	Poster	N14-N36	Hall A	20 Tues	8 a.m.–noon	
510	Striate Cortex Circuitry	Poster	N37-03	Hall A	20 Tues	8 a.m.–noon	
511	Mapping Connectivity and Function of Extrastriate Cortex	Poster	O4-019	Hall A	20 Tues	8 a.m.–noon	
512	Sensorimotor Transformation: Higher Order Functional Organization	Poster	O20-031	Hall A	20 Tues	8 a.m.–noon	
513	Inflammatory Pain	Poster	O32-P13	Hall A	20 Tues	8 a.m.–noon	
514	Opioids and other Analgesics	Poster	P14-P38	Hall A	20 Tues	8 a.m.–noon	
515	Somatosensory Cortex	Poster	P39-R4	Hall A	20 Tues	8 a.m.–noon	
516	Somatosensory Response Properties	Poster	R5-R15	Hall A	20 Tues	8 a.m.–noon	
517	Axonal Regeneration	Poster	R16-S7	Hall A	20 Tues	8 a.m.–noon	
518	Cerebellum: Cortex and Nuclei Neurophysiology	Poster	S8-T9	Hall A	20 Tues	8 a.m.–noon	
519	Gait: Muscle Activity, Exercise and Biomechanics	Poster	T10-U7	Hall A	20 Tues	8 a.m.–noon	
520	Gait and Posture: Aging, Injury, and Disease	Poster	U8-U34	Hall A	20 Tues	8 a.m.–noon	
521	Reaching and Motor Learning	Poster	U35-V11	Hall A	20 Tues	8 a.m.–noon	
522	Neuroprosthetics for Limb Control	Poster	V12-V35	Hall A	20 Tues	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
549	Peripheral Optogenetic Neuromodulation: Progress and Challenges	Minisymposium		S105	20 Tues	1:30–4 p.m.	2.5
561	Olfactory Processing	Nanosymposium		N226	20 Tues	1–4 p.m.	
562	Cortical Planning and Execution: Neurophysiology	Nanosymposium		S402	20 Tues	1–4 p.m.	
563	Comparative Anatomy and Evolution	Nanosymposium		S401	20 Tues	1–3 p.m.	
596	Auditory Processing: Cortex and Cortical Circuits	Poster	J14-J30	Hall A	20 Tues	1–5 p.m.	
597	Interactions between Auditory and Non-Auditory Modalities	Poster	J31-J44	Hall A	20 Tues	1–5 p.m.	
598	Identifying Circuits in Striate Cortex	Poster	J45-K24	Hall A	20 Tues	1–5 p.m.	
599	Striate Cortex Plasticity	Poster	K25-L4	Hall A	20 Tues	1–5 p.m.	
600	Motion Processing	Poster	L5-L22	Hall A	20 Tues	1–5 p.m.	
601	Sensorimotor Transformation: Neurophysiology	Poster	L23-L42	Hall A	20 Tues	1–5 p.m.	
602	Peripheral Pain: Transient Receptor Potential (TRP) Receptors	Poster	L43-M14	Hall A	20 Tues	1–5 p.m.	
603	Thalamic and Cortical Processing	Poster	M15-M34	Hall A	20 Tues	1–5 p.m.	
604	Pain Physiology	Poster	M35-N16	Hall A	20 Tues	1–5 p.m.	
605	Somatosensory Signaling Mechanisms	Poster	N17-N38	Hall A	20 Tues	1–5 p.m.	
606	Motoneuron Excitability	Poster	N39-O10	Hall A	20 Tues	1–5 p.m.	
607	Motoneuron Excitability: Afferent Input	Poster	O11-O24	Hall A	20 Tues	1–5 p.m.	
608	Cerebellum: Circuits and Function	Poster	O25-O35	Hall A	20 Tues	1–5 p.m.	
609	Bimanual and Interlimb Control	Poster	O36-P5	Hall A	20 Tues	1–5 p.m.	
610	Stroke: Impairments and Recovery	Poster	P6-P34	Hall A	20 Tues	1–5 p.m.	
611	Brain Machine Interface: Methods and Technology	Poster	P35-Q15	Hall A	20 Tues	1–5 p.m.	
612	Brain-Machine Interface Grasping Devices	Poster	Q16-R15	Hall A	20 Tues	1–5 p.m.	
644	Reward-Driven Learning in Primary Sensory Cortices	Minisymposium		S406B	21 Wed	8:30–11 am.	2.5
652	Auditory System: Temporal, Frequency, and Spectral Processing	Nanosymposium		N226	21 Wed	8–10 a.m.	
653	Cerebellum: Learning and Cognition	Nanosymposium		S402	21 Wed	8–11:30 a.m.	
654	Basal Ganglia and Basal Forebrain: Behavioral Control	Nanosymposium		S401	21 Wed	8–11 a.m.	
697	Cross-Modal Processing: Spatial Factors	Poster	O7-O18	Hall A	21 Wed	8 a.m.–noon	
698	Adaptation and Plasticity in Visual Cortex	Poster	O19-O34	Hall A	21 Wed	8 a.m.–noon	
699	Striate Cortex: Response Properties	Poster	O35-O43	Hall A	21 Wed	8 a.m.–noon	
700	Organization of ExtraStriate Cortex	Poster	O44-P8	Hall A	21 Wed	8 a.m.–noon	
701	Binocular Vision: Stereopsis and Amblyopia	Poster	P9-P19	Hall A	21 Wed	8 a.m.–noon	
702	Eye Movements and Perception	Poster	P20-P33	Hall A	21 Wed	8 a.m.–noon	
703	Dorsal Root Ganglion Neuron Modulation and Function	Poster	P34-Q5	Hall A	21 Wed	8 a.m.–noon	
704	Peripheral Mechanisms: Pain and Touch	Poster	Q6-R1	Hall A	21 Wed	8 a.m.–noon	
705	Pain Models: Pharmacology	Poster	R2-S1	Hall A	21 Wed	8 a.m.–noon	
706	Tactile Sensation	Poster	S2-T5	Hall A	21 Wed	8 a.m.–noon	
707	Basal Ganglia: Input Integration	Poster	T6-U1	Hall A	21 Wed	8 a.m.–noon	
708	Basal Ganglia Anatomy and Physiology	Poster	U2-U23	Hall A	21 Wed	8 a.m.–noon	
709	Finger and Grasp: Age, Pathology, and Physiology	Poster	U24-U41	Hall A	21 Wed	8 a.m.–noon	
710	Motor Learning: Mechanisms	Poster	U42-V27	Hall A	21 Wed	8 a.m.–noon	
711	Oral Motor and Speech	Poster	V28-V41	Hall A	21 Wed	8 a.m.–noon	
712	Voluntary Movement and Motor Plasticity	Poster	V42-W22	Hall A	21 Wed	8 a.m.–noon	
713	Brain Machine Interfaces: Invasive Applications	Poster	W23-X16	Hall A	21 Wed	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
739	Pain and Poppies: the Good, the Bad, and the Ugly of Opioid Analgesics	Minisymposium		S406A	21 Wed	1:30–4 p.m.	2.5
746	Visual Motion	Nanosymposium		S102	21 Wed	1–4:15 p.m.	
747	Spatial and Feature Based Attention	Nanosymposium		S402	21 Wed	1–3 p.m.	
748	Controlling Prostheses with Brain Machine Interfaces	Nanosymposium		N226	21 Wed	1–4:15 p.m.	
786	Olfaction: Olfactory Bulb	Poster	L2-L21	Hall A	21 Wed	1–5 p.m.	
787	Sound Localization and Binaural Interactions	Poster	L22-L35	Hall A	21 Wed	1–5 p.m.	
788	Cross-Modal Processing: Neural Circuitry and Development	Poster	L36-M15	Hall A	21 Wed	1–5 p.m.	
789	Architecture of Extrastriate Cortex	Poster	M16-M29	Hall A	21 Wed	1–5 p.m.	
790	Color Vision	Poster	M30-M43	Hall A	21 Wed	1–5 p.m.	
791	Visual Behavior in Different Species	Poster	M44-N5	Hall A	21 Wed	1–5 p.m.	
792	Visual Processing: Learning, Memory, and Categorization	Poster	N6-N15	Hall A	21 Wed	1–5 p.m.	
793	Spatial and Feature-Based Attention	Poster	N16-N37	Hall A	21 Wed	1–5 p.m.	
794	Sensorimotor Transformation: Behavior and Whole Animal	Poster	N38-03	Hall A	21 Wed	1–5 p.m.	
795	Visually Guided Reaching and Eye Movements	Poster	O4-O33	Hall A	21 Wed	1–5 p.m.	
796	Itch	Poster	O34-O45	Hall A	21 Wed	1–5 p.m.	
797	Mechanisms of Neuropathic Pain II	Poster	O46-P26	Hall A	21 Wed	1–5 p.m.	
798	Rhythmic Motor Patterns: Afferent and Descending Control	Poster	P27-P39	Hall A	21 Wed	1–5 p.m.	
799	Rhythmic Motor Patterns: Models	Poster	P40-Q11	Hall A	21 Wed	1–5 p.m.	
800	Striatal Dopamine Neurotransmission	Poster	Q12-R3	Hall A	21 Wed	1–5 p.m.	
801	Basal Ganglia: Dopamine Neuron Physiology	Poster	R4-R13	Hall A	21 Wed	1–5 p.m.	
802	Systems and Behavior	Poster	R14-S14	Hall A	21 Wed	1–5 p.m.	
803	Finger and Grasp Behavior and Kinematics	Poster	S15-T17	Hall A	21 Wed	1–5 p.m.	
804	Finger and Grasp Mechanisms	Poster	T18-U9	Hall A	21 Wed	1–5 p.m.	
805	Reach Control: Selection and Strategy	Poster	U10-U34	Hall A	21 Wed	1–5 p.m.	
806	Motor Learning: Behavior	Poster	U35-V22	Hall A	21 Wed	1–5 p.m.	
807	Brain Machine Interface: Non-Invasive Approaches	Poster	V23-W1	Hall A	21 Wed	1–5 p.m.	
808	Neural Control of Respiratory Rhythm	Poster	W2-W13	Hall A	21 Wed	1–5 p.m.	
<b>Theme E: Integrative Systems: Neuroendocrinology, Neuroimmunology, and Homeostatic Challenge</b>							
17	Circadian Entrainment Mechanisms and Consequences	Nanosymposium		S404	17 Sat	1–3:45 p.m.	
73	Neuroendocrine Anatomy and Physiology	Poster	P42-R1	Hall A	17 Sat	1–5 p.m.	
74	Neuroinflammation: Endogenous and Exogenous Modulation	Poster	R2-S11	Hall A	17 Sat	1–5 p.m.	
75	Cells and Circuits of Stress	Poster	S12-U1	Hall A	17 Sat	1–5 p.m.	
76	Stress in Juveniles and Adolescents	Poster	U2-U12	Hall A	17 Sat	1–5 p.m.	
77	Thermoregulation and Energy Metabolism	Poster	U13-U33	Hall A	17 Sat	1–5 p.m.	
100	Sex-Specific Mechanisms of Stress Susceptibility	Minisymposium		S103	18 Sun	8:30–11 am.	2.5
112	Food Intake and Energy Regulation Nano	Nanosymposium		S405	18 Sun	8–10:45 a.m.	
161	Social Behavior: Aggression	Poster	Q11-R4	Hall A	18 Sun	8 a.m.–noon	
162	Microbiota and Stress	Poster	R5-R17	Hall A	18 Sun	8 a.m.–noon	
163	Social Stress	Poster	R18-S15	Hall A	18 Sun	8 a.m.–noon	
164	Thirst and Water Balance	Poster	S16-T10	Hall A	18 Sun	8 a.m.–noon	
165	Molecular Biology and Physiology of Circadian Clocks	Poster	T11-U3	Hall A	18 Sun	8 a.m.–noon	
166	Sleep: Molecular, Cellular, and Pharmacology	Poster	U4-U33	Hall A	18 Sun	8 a.m.–noon	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
167	Sleep: Behavior	Poster	U34-V21	Hall A	18 Sun	8 a.m.–noon	
168	Suprachiasmatic Nucleus Anatomy, Physiology, and Neurochemistry	Poster	V22-V34	Hall A	18 Sun	8 a.m.–noon	
190	Corticotropin Releasing Factor: Novel Molecular, Cellular, and System Roles	Minisymposium		S406B	18 Sun	1:30–4 p.m.	2.5
198	Neuroinflammation and Diseases	Nanosymposium		S404	18 Sun	1–4:30 p.m.	
199	Sleep System and Regulation	Nanosymposium		S405	18 Sun	1–4:30 p.m.	
245	Sexual Differentiation	Poster	P9-P20	Hall A	18 Sun	1–5 p.m.	
246	Sexual Behavior	Poster	P21-Q6	Hall A	18 Sun	1–5 p.m.	
247	Parental Behavior	Poster	Q7-R13	Hall A	18 Sun	1–5 p.m.	
248	Parental and Gestational Influences on Stress Vulnerability	Poster	R14-S19	Hall A	18 Sun	1–5 p.m.	
249	Food Intake and Energy Balance: Integration of Peripheral Signals I	Poster	S20-T13	Hall A	18 Sun	1–5 p.m.	
250	Brain Blood Flow	Poster	T14-U10	Hall A	18 Sun	1–5 p.m.	
269	Global Positioning System Mechanisms of Migrating Monarch Butterflies	Special Lecture		Hall B1	19 Mon	8:30–9:40 a.m.	1.25
285	Energy Metabolism and Cardiovascular Regulation	Nanosymposium		S405	19 Mon	8–10:30 a.m.	
286	Blood Brain Barrier, Blood Flow, and Imaging	Nanosymposium		S404	19 Mon	8–10:30 a.m.	
344	Steroids and Plasticity	Poster	Y5-Y22	Hall A	19 Mon	8 a.m.–noon	
345	Neuroimmunology: Regulatory Systems	Poster	Y23-Y42	Hall A	19 Mon	8 a.m.–noon	
346	Neuroimmunology: Regulating Systems	Poster	Y43-Z21	Hall A	19 Mon	8 a.m.–noon	
347	Neuroinflammation: Multiple Sclerosis and Related Models	Poster	Z22-Z31	Hall A	19 Mon	8 a.m.–noon	
348	Gastrointestinal, Renal/Urinary, and Reproductive Regulation	Poster	Z32-AA11	Hall A	19 Mon	8 a.m.–noon	
349	Developmental Regulators of Stressful Experiences	Poster	AA12-AA35	Hall A	19 Mon	8 a.m.–noon	
350	Food Intake and Energy Balance: Neuropeptide Regulators	Poster	AA36-BB10	Hall A	19 Mon	8 a.m.–noon	
364	Disrupted Sleep: From Molecules to Cognition	Minisymposium		S103	19 Mon	1:30–4 p.m.	2.5
375	Persistent Effects of Early Life Adversity	Nanosymposium		S404	19 Mon	1–4:30 p.m.	
431	HPG Axis: Gonadotropin-Releasing Hormone Cells, Gonadotrophins and Neurosteroids	Poster	W22-W43	Hall A	19 Mon	1–5 p.m.	
432	Cardiovascular Regulation	Poster	W44-X23	Hall A	19 Mon	1–5 p.m.	
433	Peptides and Factors in Stress and Anxiety	Poster	X24-Y3	Hall A	19 Mon	1–5 p.m.	
434	Food Intake and Energy Balance: Integration of Peripheral Signals II	Poster	Y4-Y26	Hall A	19 Mon	1–5 p.m.	
435	Diet and Exercise: Effects on Behavior and Cognition	Poster	Y27-Y37	Hall A	19 Mon	1–5 p.m.	
436	Blood Brain Barrier	Poster	Y38-Z20	Hall A	19 Mon	1–5 p.m.	
468	Hormones, Neurotransmitters and Social Behavior	Nanosymposium		S405	20 Tues	8–10 a.m.	
523	Stress: Factors Affecting Sensitivity, Protection, and Recovery	Poster	V36-W17	Hall A	20 Tues	8 a.m.–noon	
524	Food Intake and Energy Balance: Monoamines and Other Regulators	Poster	W18-W42	Hall A	20 Tues	8 a.m.–noon	
613	Hypothalamic?Pituitary?Gonadal Axis: Neural Control	Poster	R16-S19	Hall A	20 Tues	1–5 p.m.	
614	Estrogen Signaling and Cognition	Poster	S20-U5	Hall A	20 Tues	1–5 p.m.	
615	Sex and Social Factors in Fear and Anxiety	Poster	U6-U32	Hall A	20 Tues	1–5 p.m.	
616	Food Intake and Energy Balance: Anatomy and Development	Poster	U33-V15	Hall A	20 Tues	1–5 p.m.	
617	Blood Flow Functional Imaging	Poster	V16-V28	Hall A	20 Tues	1–5 p.m.	

\* Event held at the Hyatt Regency Chicago Downtown (not connected to McCormick Place)



SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
640	New Approaches to Understanding How the Hypothalamus Controls Adaptive and Integrative Behavior	Symposium		S100A	21 Wed	8:30–11 a.m.	2.5
655	New Insight into Neural Circuitry Controlling Inflammation	Nanosymposium		N230	21 Wed	8–9:45 a.m.	
715	Estrogen Signaling and Behavior	Poster	X17-X29	Hall A	21 Wed	8 a.m.–noon	
716	Social Behavior: Oxytocin and Vasopressin	Poster	X30-X48	Hall A	21 Wed	8 a.m.–noon	
717	Social Behavior	Poster	Y1-Y10	Hall A	21 Wed	8 a.m.–noon	
718	Social Behavior: Genetic and Molecular Basis	Poster	Y11-Y20	Hall A	21 Wed	8 a.m.–noon	
737	Neurocircuitry Controlling Feeding and Drinking Behaviors in Mice	Special Lecture		Hall B1	21 Wed	1–2:10 p.m.	1.25
749	Stress Peptides and Factors	Nanosymposium		S405	21 Wed	1–4:30 p.m.	
809	Neuroinflammation: General	Poster	W14-W44	Hall A	21 Wed	1–5 p.m.	
810	Neuroinflammation: Cellular mechanisms	Poster	W45-X7	Hall A	21 Wed	1–5 p.m.	
811	Neuroimmunology: Behavioral Effects	Poster	X8-X33	Hall A	21 Wed	1–5 p.m.	
812	Stress and Cognitive Function	Poster	X34-X43	Hall A	21 Wed	1–5 p.m.	
813	Circadian Entrainment and Phase Shift	Poster	X44-Y18	Hall A	21 Wed	1–5 p.m.	
814	Sleep: Regulators	Poster	Y19-Z2	Hall A	21 Wed	1–5 p.m.	
815	Sleep: Systems	Poster	Z3-Z31	Hall A	21 Wed	1–5 p.m.	
<b>Theme F: Cognition and Behavior</b>							
8	Making, Breaking, and Linking Engrams	Special Lecture		Hall B1	17 Sat	2–3:10 p.m.	1.25
18	Multivariate Approaches to Studying Medial Temporal and Prefrontal Contributions to Human Memory	Nanosymposium		N227	17 Sat	1–3:30 p.m.	
19	Social Cognition: Neural Processes and Disorders	Nanosymposium		S405	17 Sat	1–4 p.m.	
20	Reward and Uncertainty	Nanosymposium		N228	17 Sat	1–3 p.m.	
78	Motor and Sequence Learning	Poster	U34-V9	Hall A	17 Sat	1–5 p.m.	
79	Human Cognition and Behavior: Functional Mechanisms of Attention	Poster	V10-V35	Hall A	17 Sat	1–5 p.m.	
80	Human Cognition: Control and Flexibility	Poster	V36-W15	Hall A	17 Sat	1–5 p.m.	
81	Value-Based Human Decision Making	Poster	W16-W36	Hall A	17 Sat	1–5 p.m.	
82	Social Decision Making	Poster	W37-X6	Hall A	17 Sat	1–5 p.m.	
83	Memory Consolidation and Reconsolidation: Behavior	Poster	X7-X21	Hall A	17 Sat	1–5 p.m.	
84	Learning and Memory: Aging I	Poster	X22-X40	Hall A	17 Sat	1–5 p.m.	
85	Temporal Processing in Septal, Prefrontal, and Hippocampal Circuits	Poster	X41-Y13	Hall A	17 Sat	1–5 p.m.	
86	Cortical and Hippocampal Circuits: Spatial Navigation	Poster	Y14	Hall A	17 Sat	1–5 p.m.	
87	Emotion: Brain Imaging	Poster	Y38-Z16	Hall A	17 Sat	1–5 p.m.	
88	Emotion: Information Processing	Poster	Z17-Z35	Hall A	17 Sat	1–5 p.m.	
89	Emotion Processing: Neurophysiology	Poster	Z36-AA8	Hall A	17 Sat	1–5 p.m.	
90	Sensory and Motor Systems in Vertebrates	Poster	AA9-AA27	Hall A	17 Sat	1–5 p.m.	
97	Identifying and Manipulating the Synapses, Cells, and Circuits of Memory Engrams: Implications for Memory and Memory Disorders	Symposium		S100A	18 Sun	8:30–11 a.m.	2.5
101	Learning to Generalize: Neural, Behavioral, and Computational Basis of Categorization	Minisymposium		S406B	18 Sun	8:30–11 am.	2.5
113	Influence of Memory on Perception	Nanosymposium		N227	18 Sun	8–10:15 a.m.	
114	Reward Processing and Reinforcement Learning in the Human Brain	Nanosymposium		N228	18 Sun	8–11:30 a.m.	
115	Individual Differences	Nanosymposium		N226	18 Sun	8–10:45 a.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
169	Perception and Imagery	Poster	V35-W15	Hall A	18 Sun	8 a.m.–noon	
170	Face, Body, and Action	Poster	W16-W33	Hall A	18 Sun	8 a.m.–noon	
171	Human Memory Encoding Processes	Poster	W34-X10	Hall A	18 Sun	8 a.m.–noon	
172	Functional Mechanisms of Attention and Disorders of Attention	Poster	X11-X40	Hall A	18 Sun	8 a.m.–noon	
173	Language I	Poster	X41-Y5	Hall A	18 Sun	8 a.m.–noon	
174	Language II	Poster	Y6-Y29	Hall A	18 Sun	8 a.m.–noon	
175	Modulating Fear, Learning, and Memory	Poster	Y30-Z15	Hall A	18 Sun	8 a.m.–noon	
176	Decision Making: Primates	Poster	Z16-Z43	Hall A	18 Sun	8 a.m.–noon	
177	Learning and Memory: Physiology	Poster	Z44-AA18	Hall A	18 Sun	8 a.m.–noon	
178	Learning and memory: Pharmacology	Poster	AA18-AA43	Hall A	18 Sun	8 a.m.–noon	
179	Learning and Memory: Aging II	Poster	AA44-BB18	Hall A	18 Sun	8 a.m.–noon	
180	Reward: Dopamine	Poster	BB19-BB45	Hall A	18 Sun	8 a.m.–noon	
181	Song Circuit and Motor Control	Poster	BB46-BB60	Hall A	18 Sun	8 a.m.–noon	
186	Hidden Variables of Behavior: Neuronal Parameters Underlying Brain States	Symposium		S100B	18 Sun	1:30–4 p.m.	2.5
200	Assessment and Modulation of Human Working Memory	Nanosymposium		N227	18 Sun	1–4:30 p.m.	
201	Executive Function: Learning and Memory	Nanosymposium		N228	18 Sun	1–3 p.m.	
251	Higher Cognition	Poster	U11-U37	Hall A	18 Sun	1–5 p.m.	
252	Cognitive Development	Poster	U38-V18	Hall A	18 Sun	1–5 p.m.	
253	Mechanisms of Attention I	Poster	V19-V48	Hall A	18 Sun	1–5 p.m.	
254	Anatomy of Stress, Anxiety, and Fear	Poster	W1-W30	Hall A	18 Sun	1–5 p.m.	
255	Appetitive and Incentive Learning and Memory I	Poster	W31-X6	Hall A	18 Sun	1–5 p.m.	
256	Molecular Mechanisms of Memory Consolidation	Poster	X7-X34	Hall A	18 Sun	1–5 p.m.	
257	Temporal Processing in Entorhinal and Hippocampal Circuits	Poster	X35-Y11	Hall A	18 Sun	1–5 p.m.	
258	Reward: Motivational Mechanisms I	Poster	Y12-Y31	Hall A	18 Sun	1–5 p.m.	
259	Dynamic Circuitry of Stress and Anxiety	Poster	Y32-Z5	Hall A	18 Sun	1–5 p.m.	
260	Song Learning and Auditory Processing	Poster	Z6-Z30	Hall A	18 Sun	1–5 p.m.	
274	Can We Merge the Divergent Views of Hippocampal Function?	Minisymposium		S103	19 Mon	8:30–11 am.	2.5
275	Internally and Memory-Guided Behaviors: The Role of Frontal Cortical Ensembles	Minisymposium		S406B	19 Mon	8:30–11 am.	2.5
287	Stress and Negative Emotion	Nanosymposium		N227	19 Mon	8–11:30 a.m.	
351	Perceptual and Spatial Learning	Poster	BB11-B40	Hall A	19 Mon	8 a.m.–noon	
352	Reinforcement and Feedback Learning in Humans	Poster	BB41-BB66	Hall A	19 Mon	8 a.m.–noon	
353	Human Memory: Episodic and Semantic Memory Processes	Poster	BB67-BB85	Hall A	19 Mon	8 a.m.–noon	
354	Human Executive Function: Clinical and Translational	Poster	BB86-CC17	Hall A	19 Mon	8 a.m.–noon	
355	Hippocampal Circuits in Fear and Anxiety	Poster	CC18-CC44	Hall A	19 Mon	8 a.m.–noon	
356	Learning and Memory: Prefrontal and Retrosplenial Cortex	Poster	CC45-CC70	Hall A	19 Mon	8 a.m.–noon	
357	Learning and Memory: Cortical Circuits	Poster	CC71-DD18	Hall A	19 Mon	8 a.m.–noon	
358	Reward: Motivational Mechanisms II	Poster	DD19-DD37	Hall A	19 Mon	8 a.m.–noon	
365	The Medial Prefrontal Cortex: Emotional Regulation Across Species	Minisymposium		S406B	19 Mon	1:30–4 p.m.	2.5
376	Neuroimaging of Language	Nanosymposium		N227	19 Mon	1–3:45 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
377	Learning and Memory: Aging and Alzheimer's Disease	Nanosymposium		N228	19 Mon	1–4:15 p.m.	
378	Striatal Circuits in Psychiatric Diseases	Nanosymposium		S403	19 Mon	1–4:15 p.m.	
437	Human Memory: Medial Temporal Lobe	Poster	Z21-Z37	Hall A	19 Mon	1–5 p.m.	
438	Human Decision Making and Reasoning	Poster	Z38-AA18	Hall A	19 Mon	1–5 p.m.	
439	Human Cognition: Temporal Processing	Poster	AA19-AA46	Hall A	19 Mon	1–5 p.m.	
440	Amydala Circuits in Aversive Learning and Memory	Poster	AA47-BB21	Hall A	19 Mon	1–5 p.m.	
441	Working Memory	Poster	BB22-BB32	Hall A	19 Mon	1–5 p.m.	
442	Executive Function: Behavior and Pharmacology	Poster	BB33-BB57	Hall A	19 Mon	1–5 p.m.	
443	Neuronal Mechanisms of Memory Consolidation	Poster	BB58-BB84	Hall A	19 Mon	1–5 p.m.	
444	Cortical and Hippocampal Circuits: Spatial Navigation and Head Direction Cells	Poster	BB85-CC15	Hall A	19 Mon	1–5 p.m.	
445	Learning and Memory: Hippocampal Circuits	Poster	CC16-CC34	Hall A	19 Mon	1–5 p.m.	
446	Reward: Neuropharmacology	Poster	CC35-CC52	Hall A	19 Mon	1–5 p.m.	
447	Basal Ganglia and Error Detection in Songbirds	Poster	CC53-CC66	Hall A	19 Mon	1–5 p.m.	
448	Vocal/social Communication in Non-Avian Models	Poster	CC67-CC77	Hall A	19 Mon	1–5 p.m.	
459	Uncertainty, Choice, and Dopamine	Special Lecture		Hall B1	20 Tues	10–11:10 a.m.	1.25
469	Human Cognition and Behavior: Functional Mechanisms of Attention	Nanosymposium		N228	20 Tues	8–11:30 a.m.	
470	Cognitive Changes During Ageing	Nanosymposium		S404	20 Tues	8–11:30 a.m.	
525	Hippocampus, Functional Networks, and Human Memory	Poster	W43-X15	Hall A	20 Tues	8 a.m.–noon	
526	Human Memory Retrieval and Reactivation	Poster	X16-X40	Hall A	20 Tues	8 a.m.–noon	
527	Human Cognition: Networks and Dynamics	Poster	X41-Y3	Hall A	20 Tues	8 a.m.–noon	
528	Working Memory Assessment and Modulation	Poster	Y4-Y18	Hall A	20 Tues	8 a.m.–noon	
529	Social Cognition: Behavior, Neural Basis and Pharmacology	Poster	Y19-Y34	Hall A	20 Tues	8 a.m.–noon	
530	Pharmacology of Executive Function	Poster	Y35-Z4	Hall A	20 Tues	8 a.m.–noon	
531	Decision Making and Attention: Prefrontal Cortex	Poster	Z5-Z33	Hall A	20 Tues	8 a.m.–noon	
532	Decision Making: Rodents	Poster	Z34-AA10	Hall A	20 Tues	8 a.m.–noon	
533	Executive Function: Neurophysiology	Poster	AA11-AA25	Hall A	20 Tues	8 a.m.–noon	
534	Learning and Memory: Hippocampal Circuits	Poster	AA26-BB5	Hall A	20 Tues	8 a.m.–noon	
535	Learning and Memory: Modulation and Pharmacology	Poster	BB6-BB34	Hall A	20 Tues	8 a.m.–noon	
536	Learning and Memory: Genes, Signaling, and Neurogenesis I	Poster	BB35-BB53	Hall A	20 Tues	8 a.m.–noon	
537	Prefrontal and Striatal Systems: Molecular Mechanisms and Connectivity	Poster	BB54-BB74	Hall A	20 Tues	8 a.m.–noon	
538	Motivation and Emotion: Reward I	Poster	BB75-BB93	Hall A	20 Tues	8 a.m.–noon	
539	Songbird Communication: Genetic, Neuroendocrine, and Environmental Influences	Poster	CC1-CC16	Hall A	20 Tues	8 a.m.–noon	
546	Time in Cortical Circuits	Symposium		S100A	20 Tues	1:30–4 p.m.	2.5
564	Emotional Processing and Regulation	Nanosymposium		N228	20 Tues	1–4 p.m.	
618	Spatial Memory	Poster	V29-W6	Hall A	20 Tues	1–5 p.m.	
619	Language III	Poster	W7-W32	Hall A	20 Tues	1–5 p.m.	
620	Human Decision Making: Perception, Motor, and Attention	Poster	W33-X10	Hall A	20 Tues	1–5 p.m.	
621	Memory and Cognition: Influence by Aging	Poster	X11-X40	Hall A	20 Tues	1–5 p.m.	
622	Changes of Functional Network Activity: Physiology, Normal Ageing and Neurodegenerative Disease	Poster	X41-Y18	Hall A	20 Tues	1–5 p.m.	
623	Cognition and Anxiety: Animal Models	Poster	Y19-Y37	Hall A	20 Tues	1–5 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
624	Decision Making: Rodents II	Poster	Y38-Z5	Hall A	20 Tues	1–5 p.m.	
625	Executive Function: Models of Disorders	Poster	Z6-Z35	Hall A	20 Tues	1–5 p.m.	
626	Learning and Memory: Hippocampal Circuits	Poster	Z36-AA35	Hall A	20 Tues	1–5 p.m.	
628	Learning and Memory: Aging III	Poster	AA36-BB11	Hall A	20 Tues	1–5 p.m.	
629	Invertebrate Learning and Memory I	Poster	BB12-BB32	Hall A	20 Tues	1–5 p.m.	
630	Invertebrate Learning and Memory II	Poster	BB33-BB48	Hall A	20 Tues	1–5 p.m.	
631	Cortical and Hippocampal Circuits: Spatial Navigation	Poster	BB49-BB74	Hall A	20 Tues	1–5 p.m.	
632	Cortical and Hippocampal Circuits: Spatial Navigation	Poster	BB75-CC4	Hall A	20 Tues	1–5 p.m.	
633	Functions of Prefrontal, Striatal, and Thalamic Circuits	Poster	CC5-CC29	Hall A	20 Tues	1–5 p.m.	
634	Optogenetic and Chemogenetic Manipulation of Motivation and Emotion	Poster	CC30-CC57	Hall A	20 Tues	1–5 p.m.	
635	Fear and Anxiety: Molecular and Cellular Mechanisms	Poster	CC58-DD6	Hall A	20 Tues	1–5 p.m.	
636	Motivation and Emotion: Reward II	Poster	DD7-DD27	Hall A	20 Tues	1–5 p.m.	
637	Sensory and Motor Systems in Invertebrates	Poster	DD28-DD46	Hall A	20 Tues	1–5 p.m.	
642	Optogenetic Dissection of the Basal Forebrain Neuromodulatory Control of Cortical Activation, Plasticity, and Cognition	Minisymposium		S100B	21 Wed	8:30–11 am.	2.5
646	A Causal Analysis of the Attentional Network	Symposium		Hall B1	21 Wed	11:30 a.m.–12:40 p.m.	1.25
656	Human Brain Networks	Nanosymposium		N228	21 Wed	8–10:15 a.m.	
657	Learning and Memory: Hippocampal Circuits	Nanosymposium		N227	21 Wed	8–10:45 a.m.	
719	Human Memory Processes: Encoding, Retrieval, and Pattern Separation	Poster	Y21-Y44	Hall A	21 Wed	8 a.m.–noon	
720	Human Decision Making: Risk and Impulsivity	Poster	Z1-Z13	Hall A	21 Wed	8 a.m.–noon	
721	Social Cognition: Neural Processes and Disorders	Poster	Z14-Z40	Hall A	21 Wed	8 a.m.–noon	
722	Mechanisms of Attention II	Poster	Z41-AA11	Hall A	21 Wed	8 a.m.–noon	
723	Appetitive and Incentive Learning and Memory II	Poster	AA12-AA32	Hall A	21 Wed	8 a.m.–noon	
724	Learning and Memory: Hippocampus, Rhinal, and Parietal Cortex	Poster	AA33-BB9	Hall A	21 Wed	8 a.m.–noon	
725	Learning and Memory: Hippocampal Circuits	Poster	BB10-BB38	Hall A	21 Wed	8 a.m.–noon	
726	Learning and Memory: Genes, Signaling, and Neurogenesis II	Poster	BB39-BB50	Hall A	21 Wed	8 a.m.–noon	
727	Cortical and Hippocampal Circuits: Models of Spatial Navigation	Poster	BB51-BB69	Hall A	21 Wed	8 a.m.–noon	
728	Fear Memory: Molecular Mechanisms	Poster	BB70-BB81	Hall A	21 Wed	8 a.m.–noon	
729	Fear and Aversion Learning	Poster	BB82-CC4	Hall A	21 Wed	8 a.m.–noon	
730	Decision Making: Neurocircuitry	Poster	CC5-CC33	Hall A	21 Wed	8 a.m.–noon	
731	Motivation and Emotion: Reward III	Poster	CC34-CC53	Hall A	21 Wed	8 a.m.–noon	
741	Understanding Goal-Directed Decision Making in Humans: Computations and Circuits	Minisymposium		S406B	21 Wed	1:30–4 p.m.	2.5
750	Visual Imagery	Nanosymposium		N228	21 Wed	1–3:45 p.m.	
751	Human Cognition: Cognitive Control and Flexibility	Nanosymposium		N227	21 Wed	1–4:15 p.m.	
816	Motor Learning	Poster	Z32-AA15	Hall A	21 Wed	1–5 p.m.	
817	Human Memory Processes: Encoding, Retrieval, and Consolidation	Poster	AA16-AA37	Hall A	21 Wed	1–5 p.m.	
818	Human Cognition and Behavior: Attentional Networks	Poster	AA38-BB14	Hall A	21 Wed	1–5 p.m.	
819	Human Cognition: Attentional Networks	Poster	BB15-BB26	Hall A	21 Wed	1–5 p.m.	
820	Cognition and Behavior: Human Working Memory	Poster	BB27-BB56	Hall A	21 Wed	1–5 p.m.	
821	Individual Differences	Poster	BB57-BB78	Hall A	21 Wed	1–5 p.m.	
822	Behavioral Training and Social Cognition	Poster	BB79-BB90	Hall A	21 Wed	1–5 p.m.	

\* Event held at the Hyatt Regency Chicago Downtown (not connected to McCormick Place)

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
823	Learning and Memory: Neurotransmitter-Receptor Systems	Poster	BB91-CC22	Hall A	21 Wed	1–5 p.m.	
824	Fear Memory: Neural Circuits	Poster	CC23-CC35	Hall A	21 Wed	1–5 p.m.	
825	Decision Making: Neuropharmacology	Poster	CC36-CC45	Hall A	21 Wed	1–5 p.m.	
<b>Theme G: Novel Methods and Technology Development</b>							
91	Biochemical Techniques	Poster	AA28-BB8	Hall A	17 Sat	1–5 p.m.	
92	Bioinformatics	Poster	BB9-BB25	Hall A	17 Sat	1–5 p.m.	
93	Computation	Poster	BB26-BB45	Hall A	17 Sat	1–5 p.m.	
94	Computation: Other	Poster	BB46-BB75	Hall A	17 Sat	1–5 p.m.	
95	Computation: Networks and Experimentation	Poster	BB76-CC7	Hall A	17 Sat	1–5 p.m.	
182	Genetic Techniques	Poster	BB61-BB81	Hall A	18 Sun	8 a.m.–noon	
183	Optical Methods I	Poster	BB82-CC12	Hall A	18 Sun	8 a.m.–noon	
184	Nanoscopy with Focused Light: Principles and Applications	Special Lecture		Hall B1	18 Sun	1–2:10 p.m.	1.25
202	Genomic and Systems Level Analyses of Neurologic Disease	Nanosymposium		N230	18 Sun	1–4:15 p.m.	
261	Molecular Techniques	Poster	Z31-Z42	Hall A	18 Sun	1–5 p.m.	
262	Genomics, Proteomics, and Systems Neurobiology	Poster	Z43-AA20	Hall A	18 Sun	1–5 p.m.	
263	Optical methods II	Poster	AA21-AA42	Hall A	18 Sun	1–5 p.m.	
264	Optical Methods III	Poster	AA43-BB17	Hall A	18 Sun	1–5 p.m.	
265	Electrophysiology: Cellular	Poster	BB18-BB30	Hall A	18 Sun	1–5 p.m.	
266	Methods: Electrophysiology	Poster	BB31-BB43	Hall A	18 Sun	1–5 p.m.	
267	Electrode Arrays I	Poster	BB44-BB73	Hall A	18 Sun	1–5 p.m.	
268	Neuron Stimulation Methods	Poster	BB74-CC6	Hall A	18 Sun	1–5 p.m.	
270	Early Reports from the BRAIN Initiative Frontline: Advancing Technologies to Accelerate Our Understanding of Brain Function	Symposium		S100A	19 Mon	8:30–11 a.m.	2.5
288	Electrode Arrays II	Nanosymposium		N228	19 Mon	8–11:30 a.m.	
449	Combining Optogenetics with Electrophysiology or Functional Magnetic Resonance Imaging	Poster	CC78-DD19	Hall A	19 Mon	1–5 p.m.	
450	Computation: Tools	Poster	DD20-DD46	Hall A	19 Mon	1–5 p.m.	
451	Computation: Tools (Other)	Poster	DD47-DD71	Hall A	19 Mon	1–5 p.m.	
454	All-Optical Interrogation of Neural Circuits	Symposium		S100B	20 Tues	8:30–11 a.m.	2.5
471	Molecular, Biochemical, and Genetic Techniques	Nanosymposium		N227	20 Tues	8–11:15 a.m.	
540	Electrodes Arrays II	Poster	CC17-CC41	Hall A	20 Tues	8 a.m.–noon	
541	Novel Assays	Poster	CC42-CC59	Hall A	20 Tues	8 a.m.–noon	
542	Data Analysis	Poster	CC60-DD6	Hall A	20 Tues	8 a.m.–noon	
543	Data Analysis: Neuronal Networks	Poster	DD7-DD36	Hall A	20 Tues	8 a.m.–noon	
544	Data Analysis: Networks and Software Tools, other	Poster	DD37-DD57	Hall A	20 Tues	8 a.m.–noon	
548	Clearing and Labeling Methods for High Resolution Imaging of Intact Biological Specimens	Minisymposium		S406A	20 Tues	1:30–4 p.m.	2.5
565	Electrode Arrays III	Nanosymposium		N227	20 Tues	1–4:15 p.m.	
638	Whole-Brain Imaging and Atlasing I	Poster	DD47-DD62	Hall A	20 Tues	1–5 p.m.	
643	3D Retinal Organoids From Human Pluripotent Stem Cells: Promise to Alleviate Blindness or Better Disease Model?	Minisymposium		S406A	21 Wed	8:30–11 am.	2.5
732	<i>In Vivo</i> Imaging Methods	Poster	CC54-DD4	Hall A	21 Wed	8 a.m.–noon	
733	Technology Development: Projection Mapping	Poster	DD5-DD16	Hall A	21 Wed	8 a.m.–noon	
734	Whole-Brain Imaging and Atlasing II	Poster	DD17-DD32	Hall A	21 Wed	8 a.m.–noon	

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SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
735	Neuroanatomy: Automated Analysis	Poster	DD33-DD47	Hall A	21 Wed	8 a.m.–noon	
736	Optogenetic Studies of Neural Circuits	Poster	DD48-DD67	Hall A	21 Wed	8 a.m.–noon	
826	Technology Development: DNA and Protein Imaging	Poster	CC46-CC58	Hall A	21 Wed	1–5 p.m.	
827	Tracing and Imaging Methods	Poster	CC59-CC73	Hall A	21 Wed	1–5 p.m.	
828	Technology Development: Magnetic Resonance Imaging and Positron Emission Tomography	Poster	CC74-DD7	Hall A	21 Wed	1–5 p.m.	
829	Data Analysis: Human and Networks	Poster	DD8-DD32	Hall A	21 Wed	1–5 p.m.	
830	Data Analysis: Human	Poster	DD33-DD57	Hall A	21 Wed	1–5 p.m.	
<b>Theme H: History, Teaching, Public Awareness, and Societal Impacts in Neuroscience</b>							
2	Statistics and Computation for an Increasingly Quantitative Scientific Future	Empirical Approaches to Neuroscience and Society Symposium		S100A	17 Sat	1:30–4 p.m.	
21	History of Neuroscience	Theme H Poster	CC15-CC24	Hall A	17 Sat	1–5 p.m.	
22	Teaching Neuroscience in K–12	Theme H Poster	CC25-CC48	Hall A	18 Sun	8–11 a.m.	
23	Teaching Neuroscience to Undergraduates: Simulations and Social Media	Theme H Poster	CC49-CC70	Hall A	17 Sat	1–5 p.m.	
24	Teaching Neuroscience to Undergraduates: Courses and Programs	Theme H Poster	CC71-DD21	Hall A	17 Sat	1–5 p.m.	
25	Teaching Neuroscience to Graduate Students	Theme H Poster	DD22-DD30	Hall A	17 Sat	1–5 p.m.	
26	Teaching Neuroscience: Community Outreach	Theme H Poster	DD31-DD58	Hall A	18 Sun	8–11 a.m.	
27	Ethical and Policy Issues in Neuroscience	Theme H Poster	DD58-DD65	Hall A	17 Sat	1–5 p.m.	
<b>Workshops, Meetings, and Events</b>							
PDW01	NEUROBIOLOGY OF DISEASE WORKSHOP: Human Brain Malformations: From Genetics to Therapeutics	Professional Development Workshop		S100B	16 Fri	8 a.m.–5 p.m.	
PDW02	SHORT COURSE #1: Using iPS Cells and Reprogramming to Model Neural Development and Disease	Professional Development Workshop		S401	16 Fri	8 a.m.–6 p.m.	
PDW03	SHORT COURSE #2: The Impact of Human Genetics and Genomics in Neurobiology: From Disease Discovery to Fundamental Mechanisms (and Back)	Professional Development Workshop		S406A	16 Fri	8 a.m.–6 p.m.	
PDW04	SHORT COURSE #3: Optimizing Experimental Design for High-Quality Science	Professional Development Workshop		N227	16 Fri	1–5:30 p.m.	
PDW05	Meet-the-Expert: Session 1	Professional Development Workshop		Hyatt Regency Chicago Downtown*	17 Sat	8–9:15 a.m.	
PDW06	Careers Beyond the Bench	Professional Development Workshop		S106	17 Sat	9–11 a.m.	
PDW07	Success in Academia: What's Your Strategy to Thrive?	Professional Development Workshop		S104	17 Sat	9–11 a.m.	
PDW08	Meet-the-Expert: Session 2	Professional Development Workshop		Hyatt Regency Chicago Downtown*	17 Sat	9:30–10:45 a.m.	
ME01	Meeting Mobile App Tutorial	Meetings and Events		N229	17 Sat	10–11 a.m.	
PDW10	How Do I Fund My Science? Public and Private Funding Approaches for Supporting Your Neuroscience Research Across Career Stages and Types of Research	Professional Development Workshop		S106	17 Sat	1:30–5 p.m.	
ME02	Meeting Mobile App Tutorial	Meetings and Events		N229	17 Sat	2–3 p.m.	
ME03	BRAIN AWARENESS CAMPAIGN EVENT: Sparking Connections Through Brain Awareness Around the Globe	Meetings and Events		N427	17 Sat	2:30–4 p.m.	
ME11	How to Renovate Your Relationship With Your Advisor or Advisee	Professional Development Workshop		S101	17 Sat	3–5 p.m.	
ME04	Diversity Fellows Poster Session	Meetings and Events		Hall A	17 Sat	6:30–8:30 p.m.	
ME05	International Fellows Poster Session	Meetings and Events		Hall A	17 Sat	6:30–8:30 p.m.	

\* Event held at the Hyatt Regency Chicago Downtown (not connected to McCormick Place)

SESSION #	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	DATE	TIME	CME HOURS
ME06	Trainee Professional Development Awards Poster Session	Meetings and Events		Hall A	17 Sat	6:30–8:30 p.m.	
PDW12	Career Development Topics: A Networking Event	Professional Development Workshop		Hall A	17 Sat	7:30–9:30 p.m.	
PDW13	A Guide to Publishing in Journals	Professional Development Workshop		S101	18 Sun	9–11 a.m.	
ME07	CHAPTERS WORKSHOP: Expanding Chapter Horizons: Connecting Local and International Communities	Meetings and Events		N427	18 Sun	11:30 a.m.–1 p.m.	
PDW14	Successful Career Advancement through Networking: Is It Who You Know?	Professional Development Workshop		S106	18 Sun	11:30 a.m.–1 p.m.	
PDW15	Creating Connections and Community in Support of Diverse Neuroscientists	Professional Development Workshop		S101	18 Sun	11:30 a.m.–1:30 p.m.	
ME08	Graduate School Fair	Meetings and Events		Hall A	18 Sun	noon–2 p.m.	
PDW16	The Income Achievement Gap: Insights from Cognitive Neuroscience	Social Issues Roundtable		N229	18 Sun	1–3 p.m.	
PDW17	Tackling Challenges in Scientific Rigor: The (Sometimes) Messy Reality of Science	Professional Development Workshop		S101	18 Sun	2–4 p.m.	
PDW18	Internationalizing Your Research, Training, and Funding Experience	Professional Development Workshop		S106	18 Sun	2–5 p.m.	
PDW19	Exploring New Communications Channels: Science Blogging	Professional Development Workshop		S101	19 Mon	9–11 a.m.	
PDW20	Teaching Neuroscience to Nonscientists	Professional Development Workshop		S106	19 Mon	9–11 a.m.	
ME10	ANIMALS IN RESEARCH PANEL: Proactive Strategies to Increase the Positive Public Perception of Animals in Research	Meetings and Events		N427	20 Tues	noon–2 p.m.	
ME11	Celebration of Women in Neuroscience Luncheon	Meetings and Events		Hyatt Regency ChicagoDowntown*: Crystal AB	20 Tues	noon–2 p.m.	
ME09	Graduate School Fair	Meetings and Events		Hall A	19 Mon	noon–2 p.m.	
ME12	Graduate School Fair	Meetings and Events		Hall A	20 Tues	noon–2 p.m.	
ME13	PUBLIC ADVOCACY FORUM: Sports Related Brain Injuries and Their Ethical, Social, and Neuroscience Considerations	Meetings and Events		N229	20 Tues	3–5 p.m.	
ME14	SfN Members' Business Meeting	Meetings and Events		N427	20 Tues	6:45–7:30 p.m.	
ME15	Graduate Student Reception	Meetings and Events		Hyatt Regency ChicagoDowntown*: Regency BCD	20 Tues	9 p.m.–midnight	
PDW21	Training the Trainers: New Perspectives on Graduate Training in Neuroscience in the 21st Century	Departments and Programs Workshop		S101	21 Wed	9–11 a.m.	

\* Event held at the Hyatt Regency Chicago Downtown (not connected to McCormick Place)